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NEWTON, MASSACHUSETTS

## TABLE OF CONTENTS

Inaugural Address of the Mayor Jan. 7, 1884

Officers of Newton City Government 1884  
(p. vii of Auditor's Report)

| <u>Departmental Reports</u> | <u>Period Covered</u> |
|-----------------------------|-----------------------|
|-----------------------------|-----------------------|

|         |      |
|---------|------|
| Auditor | 1884 |
|---------|------|

|                        |      |
|------------------------|------|
| Oveerseers of the Poor | 1884 |
|------------------------|------|

|                 |      |
|-----------------|------|
| Board of Health | 1884 |
|-----------------|------|

|              |      |
|--------------|------|
| City Marshal | 1884 |
|--------------|------|

|             |      |
|-------------|------|
| Water Board | 1884 |
|-------------|------|

|                  |      |
|------------------|------|
| School Committee | 1884 |
|------------------|------|

|                     |      |
|---------------------|------|
| Newton Free Library | 1884 |
|---------------------|------|

|      |      |
|------|------|
| Fire | 1884 |
|------|------|

|               |      |
|---------------|------|
| City Engineer | 1884 |
|---------------|------|







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THE  
INAUGURAL ADDRESS

OF  
J. WESLEY KIMBALL,

Mayor of Newton,

TO THE CITY COUNCIL,

JANUARY 7, 1884.



BOSTON:  
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1884.

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NEWTON COLLECTION

# INAUGURAL ADDRESS OF MAYOR KIMBALL.

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GENTLEMEN OF THE BOARD OF ALDERMEN

AND OF THE COMMON COUNCIL.

The oath of office which we have just taken, and by which we have solemnly sworn to perform the duties of the various offices to which we have been elected, according to the best of our ability and understanding, agreeably to the rules and regulations of the Constitution and the laws of the Commonwealth, involves grave responsibilities. Rightfully considered, it should be a restraining influence, calling for deliberation in our public acts, and demanding conscientious execution of the administrative power, when such careful consideration shall have indicated the proper course for its exercise.

To insure this, it is important that the responsible duties you have assumed should not be lightly regarded, but that you should give punctual attendance upon all meetings of your respective boards and various committees for the consideration of public affairs.

For the first time in our municipal history we enter upon the duties of the year with the appropriations

for the various departments already made by the government which has preceded us.

As the city charter under which this change has been made was accepted by a significant majority of our citizens, we should recognize the wisdom of its provisions and see to it that no expenditure shall be authorized which exceeds the sums thus legally appropriated.

The appropriations for the succeeding year it will be your duty to determine after you have had experience in the details of your boards and committees, and, therefore, at a time when this experience will enable you to estimate intelligently the amounts required for the city's expenses, and which will then be readily foreseen. Permit me, at this early day, to remind you that the adoption of an economical and wise policy in the expenditure of the public funds is necessary for the permanent growth and prosperity of the city. I shall endeavor, in the discharge of the duties of my position, to indicate at the proper time my opinion on these important matters.

From various causes into which it is not necessary to enter at length, the tax rate has reached an amount unprecedented in our municipal history. Believing that the surest way to invite accession to our population and to increase our wealth is to reduce this rate to the lowest figure compatible with the maintenance of good government and the assurance of safety and convenience, I would recommend the exercise of great caution in incurring extraordinary expenditures.

## FINANCE.

The credit of our city is second to none. Such loans as it has been necessary to make have been negotiated at the lowest prevailing rates of interest. I am enabled to submit to you a statement of the expenditures and receipts for the past year, and the liabilities and assets to Dec. 31, 1883, inclusive, as shown by the books of the Treasurer, and from which data you will be able to form a correct judgment of the condition of the finances at the time when we assume the management of municipal affairs.

|   |                    |
|---|--------------------|
| On account of transactions of the year 1883, there is outstanding a temporary loan of . . . . .   | \$90,000 00        |
| Bills unpaid for the month of December, \$37,500 00   |                    |
| Less bills for new schoolhouses at Auburn-<br>dale and Nonantum due Jan. 1,<br>1884, to be provided for this year<br>by sale of the city's notes . . . . . 3,400 00                               |                    |
|   | <hr/> 34,100 00    |
| Balance due water construction account from sale<br>of water bonds . . . . .  | 6,900 00           |
|   | <hr/> \$131,000 00 |
| Against which there is cash on hand . . . . .   | \$58,435 98        |
| Due to the treasury for moneys paid by order of<br>the City Council for new schoolhouses at Auburn-<br>dale and Nonantum, to be provided for by the<br>sale of the city's notes in 1884 . . . . . | 27,120 99          |
| Uncollected taxes, good . . . . .   | 74,000 00          |
|   | <hr/> \$159,556 97 |

As near as can be ascertained, after paying all bills of 1883, there will be a balance of unappro-



priated moneys in the treasury amounting to \$28,556.97, and due the city from miscellaneous sources good, \$11,225.00.

The full details of the assets will be given in the Auditor's Report for the year 1883.

The total amount of payments made by the City Treasurer for the year ending Dec. 31, 1883, was \$1,072,700.57, as follows: —

|   |                |
|---|----------------|
| Ordinary city expenses . . . . .        | \$302,485 76   |
| Interest . . . . .                      | 76,177 61      |
| State and county and bank tax . . . . . | 40,365 88      |
| Sinking fund commissioners . . . . .    | 36,800 00      |
| State aid . . . . .                     | 875 50         |
| Water construction . . . . .            | 43,630 02      |
| Temporary loans . . . . .               | 315,000 00     |
| Funded debt matured . . . . .           | 70,000 00      |
| Education . . . . .                     | 95,244 81      |
| Read fund . . . . .                     | 40,000 00      |
| Farlow Park . . . . .                   | 25,000 00      |
| Advanced on new schoolhouses . . . . .  | 27,120 99      |
|   | <hr/>          |
|   | \$1,072,700 57 |

Total receipts from all sources for the year ending Dec. 31, 1883, was \$1,092,506.20, as follows: —

|  |                |
|--|----------------|
| City taxes . . . . .                                 | \$409,528 07   |
| Corporation and bank tax . . . . .                   | 51,104 89      |
| City bonds sold . . . . .                            | 75,000 00      |
| Premium and accrued interest on bonds sold . . . . . | 2,584 16       |
| Interest . . . . .                                   | 2,631 27       |
| Temporary loans . . . . .                            | 360,000 00     |
| State aid . . . . .                                  | 930 00         |
| Sinking fund commissioners . . . . .                 | 70,000 00      |
| Read fund . . . . .                                  | 40,000 00      |
| Water department . . . . .                           | 60,293 86      |
| Miscellaneous . . . . .                              | 20,433 95      |
|  | <hr/>          |
|  | \$1,092,506 20 |

The permanent debt of the city, Dec. 31, 1883, was as follows:—

|  |              |                      |
|--|--------------|----------------------|
| Town and city notes . . . . .  | \$253,000 00 |                      |
| Accrued interest on same . . . . .   | 3,649 22     |                      |
|  | <hr/>        | \$256,649 22         |
| Municipal bonds . . . . .  | \$34,000 00  |                      |
| Accrued interest on same . . . . .   | 850 00       |                      |
|  | <hr/>        | 34,850 00            |
| Water bonds . . . . .  | \$950,000 00 |                      |
| Accrued interest on same . . . . .   | 25,250 00    |                      |
|  | <hr/>        | 975,250 00           |
| Public park bonds . . . . .  | \$25,000 00  |                      |
| Accrued interest on same . . . . .   | 250 00       |                      |
|  | <hr/>        | 25,250 00            |
| Uninvested portion of principal of<br>the Kenrick fund . . . . .   | \$1,740 00   |                      |
| Accrued interest on same . . . . .   | 52 20        |                      |
|  | <hr/>        | 1,792 20             |
| Total . . . . .  |              | <hr/> \$1,293,791 42 |
| Amount of funded debt, with accrued interest,<br>Dec. 31, 1882 . . . . .   |              | <hr/> 1,288,598 96   |
| Increase during the year . . . . .   |              | \$5,192 46           |
| To which should be added the sum of . . . . .  |              | 30,500 00            |
|  |              | <hr/>                |
| Being amount paid and incurred on account of new<br>schoolhouses at Auburndale and Nonantum, to<br>be provided for by sale of city notes . . . . . |              | \$35,692 46          |
| Less balance on hand from sale of water bonds . . . . .  |              | 6,900 00             |
|  |              | <hr/>                |
| Increase in city debt . . . . .  |              | \$28,792 46          |

#### SINKING FUNDS.

The condition of the sinking funds, Dec. 31, 1883, was as follows:—

|  |             |              |
|--|-------------|--------------|
| City debt sinking fund . . .                   | \$21,348 68 |              |
| Water debt sinking fund . . .                  | 124,242 35  |              |
|  |             | <hr/>        |
|  |             | \$145,591 03 |
| Amount of sinking funds Dec. 31, 1882 . .      |             | 172,695 92   |
|  |             | <hr/>        |
| Decrease during the year . . . . .             |             | \$27,104 89  |
| Increase in city debt for 1883 . . . . .       |             | 28,792 46    |
|  |             | <hr/>        |
| Total increase in funded debt for the year . . |             | \$55,897 35  |

During the year there has matured and been paid two town notes amounting to \$70,000, which sum was paid from the city debt sinking fund, which accounts for the decrease of the sinking funds for the year.

Of the funded debt there will mature a town note, Oct. 1, 1884, of \$20,000, which will be provided for from the city debt sinking fund.

The following is a comparison of the taxable property in the city for the last two years, viz.: —

|   |                 |
|---|-----------------|
| In 1882 the real estate was valued at . . . | \$18,930,485 00 |
| Personal estate valued at . . . . .         | 7,405,233 00    |
|   | <hr/>           |
| Making . . . . .                            | \$26,335,718 00 |
| Taxable value of corporation stock . . .    | 2,253,950 00    |
| Taxable value of bank stock . . . . .       | 819,660 00      |
|   | <hr/>           |
|   | \$29,409,328 00 |
|   |                 |
| In 1883 the real estate was valued at . . . | \$19,794,805 00 |
| Personal estate valued at . . . . .         | 7,329,283 00    |
|   | <hr/>           |
|   | \$27,124,088 00 |
| Taxable value of corporate stocks . . .     | 2,570,150 00    |
| Taxable value of bank stocks . . . . .      | 850,000 00      |
|   | <hr/>           |
|   | \$30,544,238 00 |
|   | <hr/>           |
| Increase in taxable property in 1883 . . .  | \$1,134,910 00  |



Value of real and personal property in the city of Newton, which is exempt from taxation under the provisions of the third and seventh divisions of section 5, chapter eleven of the Public Statutes: Personal, \$426,587.00; real, \$834,600.00.

Total, \$1,261,187.00.

The rate of tax per \$1,000, in 1882, was as follows:

|                  |               |
|------------------|---------------|
| City . . . . .   | \$12 82       |
| County . . . . . | 30            |
| State . . . . .  | 1 08          |
|                  | ————— \$14 20 |

The rate of tax per \$1,000, in 1883, was as follows:

|                  |               |
|------------------|---------------|
| City . . . . .   | \$14 28       |
| County . . . . . | 40            |
| State . . . . .  | 72            |
|                  | ————— \$15 40 |

#### READ FUND.

There has been received from the executors of the late Charles A. Read the sum of \$40,000, of which amount \$300 was paid to the Newton Cemetery Corporation for the perpetual care of the lot of the donor, and the sum of \$39,700 was paid over to the trustees of the "Read Fund," which sum, with its accumulation of interest, on Jan. 1, 1884, amounted to \$40,268.27. This amount has been invested by the trustees in undoubted securities, bearing interest at the rate of four per cent per annum.

## HEALTH.

The importance of greater attention to this subject, which so intimately concerns the welfare of all our citizens, demands more thoughtful consideration and increasing care. While it may truly be said that the general health is good, and that Newton is a healthy city, yet the increase of population in localities already thickly settled, the lack of sewerage, and the existence of many causes deleterious to the city, render such action necessary.

The Board of Aldermen constitute the Board of Health, and while deserving praise for the care already bestowed, still their duties are so many, and the amount of time required for the management of municipal matters is so great, that the tendency is to overlook or defer the consideration of matters pertaining to health. I desire, particularly, to remind you of the necessity of stated and regular meetings of the Board of Health, and Committee on Health, for the careful consideration of these important matters, that the best methods may be adopted, and that the agent of the board may receive your instructions and co-operation in the enforcement of the rules.

The amount expended by this department for the year 1883 was \$2,216.34.

## SCHOOLS.

General education is of the highest importance, and it is a wise provision that enables every child in our

community to enjoy the benefits of our public schools. While the cost of maintaining the schools is large, yet our citizens demand a high standard, though expecting judicious and economical methods and an ample equivalent for every dollar expended. The control of the schools and the expenditure of the appropriation are under the sole direction of the School Board, who are elected by vote of the people with regard to their special qualifications for the management of educational matters.

The number of pupils attending our public schools is 3,353; average attendance, 3,148; number of teachers, 77. The superintendent and teachers are entitled to praise for the diligent and faithful performance of their duties. During the year two new schoolhouses were contracted for and are nearly ready for occupancy. One is located in Ward 4 (Auburndale), containing eight rooms, the other in Ward 1, containing four rooms. Improvement has been made in the sanitary condition of many of the school buildings; the sum of \$17,464.37 was expended for such improvement, including heating and ventilation. The number of schoolhouses now occupied is seventeen.

It is well known that additional school accommodations are needed this year in several wards; this is rendered necessary by the rapid increase in the number of pupils averaging about 150 a year. I recommend your early consideration of this matter. The cost of maintaining our schools for the year 1883 was \$95,942.27. The maximum average whole number of

pupils at the public schools in 1873 and 1883, respectively, was as follows:—

| SCHOOLS.                 | 1873.        | 1883.        |
|--------------------------|--------------|--------------|
| High . . . . .           | 201          | 313          |
| Mason . . . . .          | 265          | 404          |
| Oak Hill . . . . .       | 42           | 28           |
| Thompsonville, . . . . . |              | 40           |
| Hyde . . . . .           | 76           | 185          |
| Prospect . . . . .       | 244          | 232          |
| Hamilton . . . . .       | 118          | 103          |
| Williams . . . . .       | 197          | 268          |
| Pierce . . . . .         | 165          | 195          |
| Davis . . . . .          | 222          | 203          |
| Franklin . . . . .       | 62           | 160          |
| Adams . . . . .          | 146          | 210          |
| Claffin . . . . .        | 123          | 166          |
| Jackson . . . . .        | 228          | 299          |
| Bigelow . . . . .        | 390          | 312          |
| Underwood . . . . .      |              | 185          |
| Lincoln . . . . .        | 82           | 50           |
| Total . . . . .          | <u>2,561</u> | <u>3,353</u> |

#### PUBLIC LIBRARY.

The Public Library is a beneficent institution, and may be properly classed as a valuable part of our educational system, affording, as it does, such ample opportunity for reading and study to the pupils of our public schools, and to all other persons who avail themselves of its privileges. Great care has been exercised in the selection of the books that all reasonable demands of readers may be satisfied.

The number of volumes in the library is 20,000. The circulation for the year was 83,400. Nearly one half of this number was taken out of the library,



the balance were distributed, by means of a daily delivery, to the various villages. This arrangement for delivery of books to citizens residing at a considerable distance has proved a great convenience and satisfaction; its cost for the year having been \$1,200. The reading-room is supplied with ninety-seven different magazines and newspapers, and is visited daily by more than a hundred persons, — a number which would be largely increased were it not for the imperfect ventilation of the room. This defect should be promptly remedied. In addition to the appropriation made by the city, moneys are received from the following generous donations: —

|                           |         |
|---------------------------|---------|
| Spear Art Fund . . . . .  | \$70 00 |
| Jewett Art Fund . . . . . | 350 00  |
| Read Fund . . . . .       | 600 00  |

The net cost for maintaining the Public Library for the year 1883 was \$8,499.99. For several years the city has annually appropriated the sum of \$250 toward the maintenance of a free reading-room in Ward 3, which is a wise expenditure and should be continued. The establishment of public reading-rooms in the various wards, to be supported by the citizens and city equally, would promote intelligence and good citizenship.

#### PUBLIC PARKS.

The question of taking certain lands, under the Park Act, for a public park, was a prominent one be-

fore the City Council of last year, and received considerable attention. Several hearings were held, that all persons interested in the subject might be heard and given an opportunity for public discussion. The matter having been referred to the present City Council, it will be your duty to decide this question ; the importance of which will demand a most careful consideration, and should receive from you such thorough and complete investigation that the decision made may clearly be the result of unbiassed and independent judgment, influenced and guided solely by what you are convinced will be for the greatest benefit to the city.

By a generous deed of gift, the city has acquired a valuable lot of land for a public park in the seventh ward. In compliance with certain conditions of the deed, a larger outlay has been found necessary than was at first contemplated; sufficient work has been done, however, to indicate the city's appreciation. The outlay upon Farlow Park for the present year should be only such sum as may fairly and legally acquit the city of the obligation accepted in the deed of gift.

There are several quite small parks belonging to the city, variously located, that should be properly cared for. Application is likely to be made for the city to accept gifts of parcels of land for park purposes. I think the only condition or restriction properly to be considered is the general one that lands so given shall be forever held and maintained for the

purposes of public parks. The amount expended during the year for labor and material on parks was \$6,719.89; for purchase, \$25,000.

Recognizing the very great value, both as regards comfort and beauty, of forest trees as an adornment of our highways, I would recommend that the setting out of such trees along the roadsides connecting our various villages be encouraged, and that the Committee on Parks be requested to aid in inaugurating such a system of ornamentation, and that a reasonable appropriation be made for that purpose.

#### SEWERAGE.

The common convenience and health of our people demand that, at no distant day, such provision for sewerage shall be made as may be found to be wise and practicable. The necessity for the adoption of some comprehensive plan is each year more apparent, and it has become simply a question of time and method. While the introduction of water through a system of public works has proved an unqualified blessing as a promoter of health and comfort, the great increase of waste flowage necessitates increased facility for its disposal, our present cesspools, usually altogether too small, and infrequently emptied, proving inadequate. I desire to particularly emphasize the great importance of a consideration of this subject, as one intimately concerning life and health, and which should not longer be neglected. I invite your



careful perusal of the report of the committee appointed by the last city government to consider this matter.

I recommend that a special committee be appointed at an early day to give this subject such thorough consideration as its importance demands, that there may be the least possible margin of uncertainty concerning the practicability of the plan or system which may be brought before you for adoption, and that a reasonable appropriation for necessary expenditure in this direction be authorized.

#### CITY ENGINEER'S DEPARTMENT.

The business of this department has rapidly increased. The Engineer is required to make all plans, surveys, and levels pertaining to the streets, drains, sewers, lands, and water works; to prepare all orders and other papers relating thereto, and to keep a record of the work of his department. He is also required to make plans and estimates for the construction and alteration of the public buildings, and surveys and plans for parks; and by a recent order of the Board of Health, is also required to inspect all plumbing. These manifold duties have kept him and his assistants constantly busy. Preparatory to the adoption of a system of sewerage, this department will be called upon for a large amount of work. I recommend that the Engineer be relieved in future from the duty of preparing plans and supervising





















work in connection with public buildings, and that hereafter, when such work is required, an architect be employed. The cost of maintaining this department for the year 1883 was \$6,269.80.

#### PUBLIC PROPERTY.

The public buildings of the city, with very few exceptions, are in excellent condition. The City Hall should be repainted, and a few of the school-houses need to be provided with proper ventilation. During the year steam-heating and ventilating apparatus were put into the Bigelow Schoolhouse. Repairs, including improved sanitary conveniences, were made upon the Claflin, Jackson, Hyde, and Prospect Schoolhouses, and the hose-houses at Auburndale, Lower Falls, and Upper Falls. Extensive alterations were also made in the stable connecting with Steamer No. 1 house. The amount expended by this department for the year 1883 was: —

|   |                    |
|---|--------------------|
| For improvement on schoolhouses . . . . . | \$17,464 37        |
| For other public buildings . . . . .      | 15,287 98          |
| Total . . . . .                           | <u>\$32,752 35</u> |

#### CLAFLIN GUARD.

Our military company is in a prosperous and flourishing condition. The ranks are full, and the officers and men are interested and enthusiastic to maintain its well-deserved popularity. The company has

attained a marked proficiency, and ranks high in the regiment to which it belongs. It is justly entitled to the support and encouragement of our city. The net cost to the city for the year 1883 was \$643.31.

#### STREET LIGHTS.

The whole number of street lights is 1,190; 755 are supplied by gas, 435 by oil. Ten lights have been added, and the location of twelve changed during the past year.

The quality of the gas and oil used appears, at times, to be of inferior grade and of small illuminating power. Complaint is made that the lights are often extinguished before the hour agreed upon in the contract. By the present agreement the streets are lighted a specified number of lights in each month. I recommend that when another contract is given, provision be made for lighting the streets every night when artificial light is needed. Well-lighted streets contribute greatly to comfort and safety, and are required and appreciated by the public.

Petitions for a large number of street lights were referred to you by the last City Council, and will be submitted for your consideration. The net cost of this department for the year was \$19,966.94.

The cost for fuel for the various public buildings—except pumping station—for the year 1883 was \$7,638.90.

## POOR DEPARTMENT.

The almshouse and appurtenances are in good condition, the buildings being convenient and well arranged. During the year a bath-room and shed have been added, and an additional horse, also hose for protection from fire purchased. Under the care of the matron, the house is well managed and a model of neatness. It now contains twenty-eight inmates, — somewhat less than the usual number, — but the proportion of aged and feeble persons, requiring more than ordinary care, is unusually large, and the expense of maintenance is, thereby, slightly increased.

The farm contains sixty-three acres, mostly arable land, well adapted to farming purposes; by utilizing the available labor of the inmates this has materially aided in the support of the institution.

The Overseers of the Poor have rendered aid to about the usual number of applicants. There has been no epidemic or unusual sickness, and less than the average number of persons have been out of employment. The amount expended for the relief of poor out of almshouse, for the year 1883, was \$8,016.14.

Those persons whose necessitous circumstances have compelled them to apply for public assistance have been properly cared for; kindly consideration for our worthy poor being limited only by careful exercise of good judgment, that in the distribution of charity no imposition should be permitted. The net



expenses for the maintenance of the almshouse during the year 1883 was \$4,753.84.

Recently, the City Council have voted to donate, under certain circumstances, a strip of land running through the centre of the farm, some eighty feet in width, and containing in all about five acres, to the Boston and Albany Railroad Company, for the purposes of a road-bed for the Circuit Railroad (so called) to be laid out and constructed for the purpose of affording rapid and easy communication between our several villages. The conditions upon which this right was granted are as follows: —

1. That a fence shall be built and maintained at the expense of said railroad company upon each side of said location.

2. That two crossings and approaches thereto shall be constructed and maintained, at the expense of said railroad company, upon said lands, at such points, at such grades, and of such width, not exceeding forty feet, as the City Council of said city shall determine.

3. That said Newton Circuit Railroad shall be completed and in operation within one year from the date of said deed, and that the consideration of said conveyance be an agreement of said Boston and Albany Railroad to take said conveyance upon the conditions and for the purposes named in this order, and to keep and perform the same.

## HIGHWAY DEPARTMENT.

This department requires the largest appropriation of any over which the City Council has control. To keep our streets in good condition, that they may be safe and convenient for travel at all seasons of the year, demands a large outlay. The topography of our city is peculiar, differing from all others in the Commonwealth. The extent of territory is large, comprising about one hundred and fifty miles of accepted and unaccepted streets. The population is not centred, but is divided into a number of distinct villages, each widely separated from the others. The expense of providing for such large municipal territory is apparent, and necessarily increases the cost in this and all other departments of our city. Therefore, it is essential that intelligent care and more than ordinary diligence should be exercised, that judicious and economical use be made of all moneys appropriated.

The total amount expended under various appropriations by the Highway Department for the year 1883, including \$9,000 paid for gravel lands and \$2,400 for a portable engine and crusher, was \$99,115.45.

Among the many items of expense, aside from the maintenance and reconstruction of the roads during the year, are: —

|   |            |
|---|------------|
| Removing the snow . . . . .                 | \$6,300 00 |
| Cleaning gutters and catch-basins . . . . . | 6,200 00   |
| Removal of ashes . . . . .                  | 2,250 00   |
| Picking stones from the streets . . . . .   | 1,278 00   |
| Construction of drains . . . . .            | 11,234 00  |
| Sidewalks and curbing . . . . .             | 8,487 00   |
| Keeping of horses . . . . .                 | 7,300 00   |

These apparently small items amounting in the aggregate to \$43,049.

While the general condition of the roads is probably better than at any previous time, there is still a large amount of work required to be done. Some of the main items calling for expenditure the present year are: —

Rebuilding Washington Street, from Hovey to Centre.

Building a retaining wall on Newtonville Avenue, easterly, from Oak Avenue.

Providing drainage for Adams Street.

Rebuilding and lowering the grade on Washington Street, from Central Avenue to Beach Street.

Widening Murray Street, from Otis to Homer Street.

Providing drainage of Fountain and Otis Streets.

Repairing Watertown Street to Watertown line.

Rebuilding Washington Street at Lower Falls.

Repairing Boylston and Florence Streets to the Brookline line.

Repairing Centre Street from the railroad crossing to Clark Street.



Also the rebuilding of Eldredge and Church Streets drain.

Many of the concrete sidewalks are badly out of repair, and in several cases dangerous. Public convenience and safety demand that these defective walks be put in good condition. During the year advantageous purchases were made of gravel lots in Wards 4 and 5. I suggest that in the removal of the gravel from the various pits care be taken to leave the land at proper grade for building purposes. A portable engine and crusher have been recently purchased for use at the gravel lots. This will prove a good investment, saving a large amount heretofore paid for breaking and carting stones to be crushed.

The department is well supplied with modern appliances for doing work upon the roads.

It is the policy of the City Council to require that all streets be thoroughly built before their acceptance. The public convenience and necessity may demand the acceptance of a street, though not properly constructed; and if so accepted, it must, in a few years, be rebuilt at heavy expense to the city.

I see no reason why the Highway Department, with its large plant and gravel lands, cannot construct a street of better quality and at less cost than a private individual; I would therefore recommend that some equitable arrangement be made by which the abutters or persons interested in laying out a street may subscribe and pay a certain fixed part of the estimated or actual cost of such a work. This would

secure the construction of streets up to the standard required for acceptance, and would be a benefit to all concerned.

#### WATER DEPARTMENT.

During the past year there has been a general scarcity of water, and in many localities it has been found necessary to adopt unusual restrictions in regard to its use. While at our city works during the very driest portion of the summer there was no surplus of water, it is a matter of congratulation that the supply has at all times been equal to the demand, and the accustomed use by the citizens, and for drinking-posts, and street watering has been continued without interruption. The quality of the water is shown by analysis to be of superior purity, the only exceptions having been traceable to local causes. While the arrangements for water supply are at present equal to the demand, it will be necessary, as the city grows in population, and the use of city water becomes more general, to make provisions for increase of capacity.

The tendency to build upon high grounds will create the necessity within a few years for a higher service. It would have proved a most fortunate circumstance for the city, I think, had the reservoir been built upon the high land east of its present location. Sufficient pressure would have then been secured to supply the highest ground likely to be built upon.





Of this amount the city paid each year as follows:—

|      |   |   |   |   |   |   |   |   |   |            |
|------|---|---|---|---|---|---|---|---|---|------------|
| 1877 | . | . | . | . | . | . | . | . | . | \$5,422 07 |
| 1878 | . | . | . | . | . | . | . | . | . | 5,896 74   |
| 1879 | . | . | . | . | . | . | . | . | . | 6,132 50   |
| 1880 | . | . | . | . | . | . | . | . | . | 8,919 00   |
| 1881 | . | . | . | . | . | . | . | . | . | 8,533 18   |
| 1882 | . | . | . | . | . | . | . | . | . | 9,729 01   |
| 1883 | . | . | . | . | . | . | . | . | . | 12,851 22  |

The cost of water to the city is, for the hydrants, numbering 402, at \$20 each, \$8,040 ; the remainder embraces the supply for schoolhouses and other public buildings, drinking-posts, and street watering.

The liberal use of water for these purposes conduces largely to the health, comfort, and safety of our citizens. The amount of water used upon the streets is very large, but considered as an economical measure only, it should be continued and extended ; it preserves the roads and prevents a very much larger expense for labor and material in making repairs, in addition to which it is worth all it costs for the comfort afforded to the public.

The management of the water works was, at the beginning of last year, placed under the control of a Water Board consisting of one alderman, one councilman, and three citizens at large, and the result has proved highly satisfactory and successful. This most important department, having in charge property costing at this time \$943,100, and having control of affairs so intimately connected with the welfare of our people, requires a well-defined and cautious pol-

icy in its management, which can best be accomplished by retaining members on the board whose knowledge and experience in such matters render them specially qualified to conduct its large and increasing business.

#### FIRE DEPARTMENT.

This department is thoroughly organized and skillfully managed, and justly deserves the reputation it has earned, of being among the best in the State. It is composed of seventy-nine men, a chief, assistant chief, fire-alarm operator, three engineers, five permanent drivers, and sixty-eight men (including officers), subject to call, who are organized into eight companies. The area covered by the Fire Department is twenty square miles.

#### APPARATUS.

The apparatus comprises three steamers, one hook and ladder truck; seven hose reels, 11,000 feet of hose, and seventeen horses. There are forty-eight fire-alarm signal boxes, and 402 hydrants. During the year 1,000 feet of American jacket hose was purchased, and three horses exchanged. The department is now furnished with all modern appliances for prompt and effective work.

The fire-alarm system was adopted ten years ago, and has been proved to be indispensable. There are fifty-three miles of wire connecting our fire alarm, and



also under the same care, sixteen miles of wire connecting the city's telephone service. The number of alarms responded to during the year was 101, an increase of forty-two over the previous year. The net cost of the department for the year 1883 was \$23,937.79.

|                                      |            |
|--------------------------------------|------------|
| Losses by fire were . . . . .        | \$6.056 60 |
| Insurance on the same . . . . .      | 160,683 50 |
| Insurance paid on same . . . . .     | 4,928 60   |
| Assessed valuation on same . . . . . | 213,790 00 |

With three exceptions, the apparatus and horses are in excellent order. Steamer No. 3, Ward 6, is not in safe condition to run, requiring a new boiler and considerable repairing. Hose Reel No. 2, in Ward 3, is in poor order, and needs extensive repairs; it would be better economy to exchange it for a new one. Another horse is needed for Hose Reel No. 5, Ward 4 (Auburndale), in place of the present one, which is entirely incapacitated for work.

The Chief recommends that the various schoolhouses be provided with private fire-alarm signals, and I heartily indorse the recommendation. Most of our schoolhouses are filled to overflowing with children and teachers, and in case of fire there would probably be a panic, with serious results. The buildings are not insured, the city taking its own risk. By having a special signal box an alarm can be immediately given from the premises, thus enabling a quicker response, by which means lives may perhaps be saved and the property protected.











The Chief will renew his recommendations for permanent drivers for the hose reels, for the removal of the police station from Steamer One's house, and that steam heating be substituted for furnaces in the public buildings. His reasons for these and other suggestions will be found in his annual report.

By ordinance, the Chief of Fire Department is inspector of buildings. Special attention has been given to the examination of heating apparatus and flues. During the year one hundred and seven new and ten remodelled buildings have been inspected.

#### POLICE DEPARTMENT.

The present force consists of the City Marshal, one sergeant, one mounted officer, and thirteen patrolmen. The net cost for maintaining the department for the year 1883 was \$17,199.57.

While the area to be covered by the police is very large, good order has been preserved throughout the city, and the members of the department have manifested their purpose to enforce the laws and afford protection to persons and property.

The City Marshal has been in office only a few months, but has become familiar with his duties. His qualifications and previous extended experience will, I have no doubt, render his management satisfactory and successful. The city has been divided into eleven districts, and each officer is given a definite ground to cover; this arrangement of territory is

found to be advantageous. It was formerly the practice to require the officers to make monthly reports of their doings to the Chief; this rule has been changed, now requiring that daily detailed reports be made, thereby giving the Chief immediate information concerning the department.

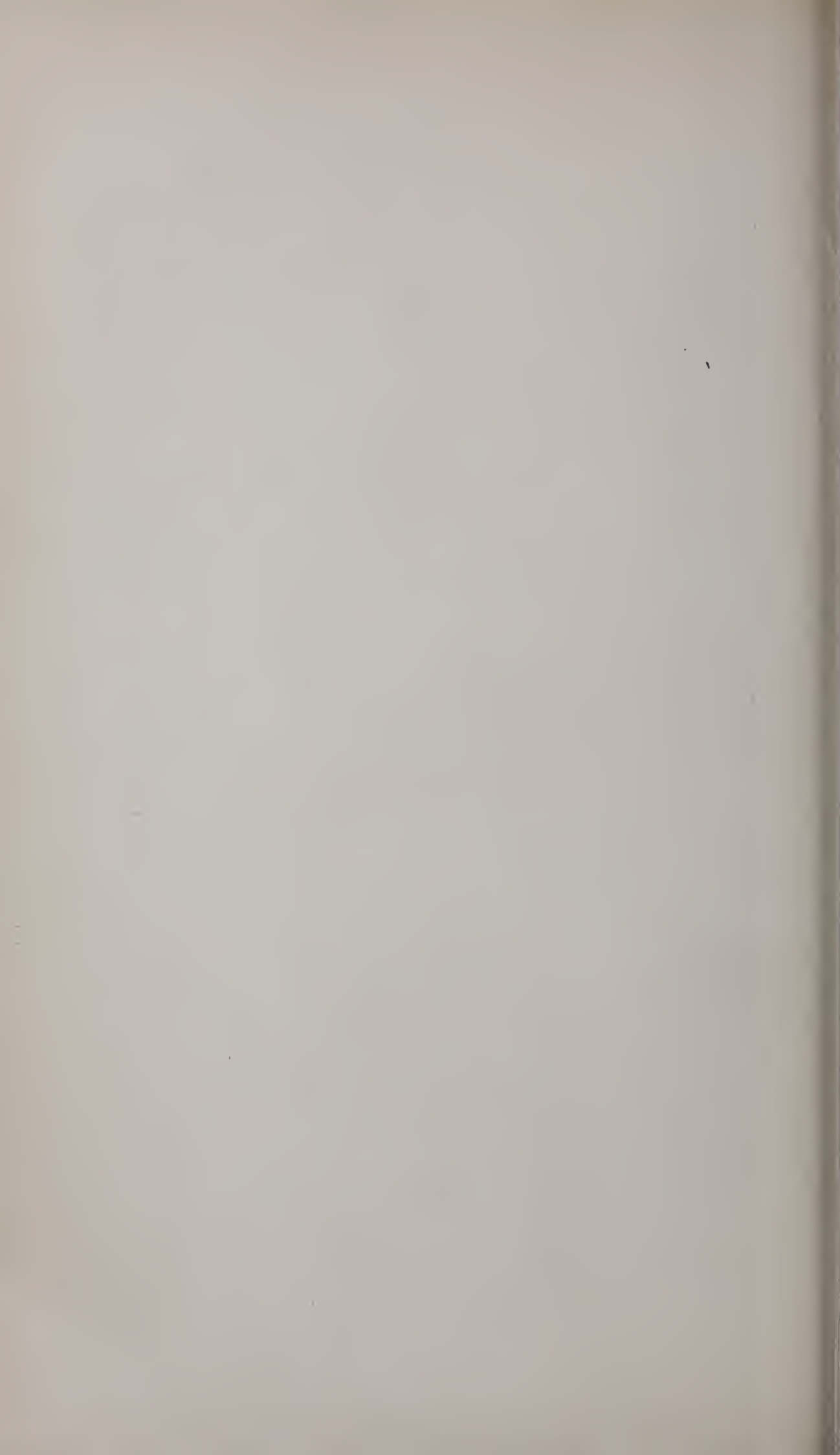
The telephone used by the Police Department is connected with all the city offices, and an opportunity is given to persons not connected with the department to hear what may be said. To this there is grave objection, as the peculiar business of a police department requires that the information sought or conveyed, which is often of a private and important nature, should be known only to the officers for whom it is intended. A private wire for police purposes only should be put up, which can be done at small expense.

The City Marshal recommends the appointment of another permanent officer for duty now performed by specials, as an advantage would be gained by having an officer at headquarters always ready, by night or day, to perform at once whatever duty might be required by the Chief.

At the recent elections, the opinion of our voters was by a significant majority unmistakably expressed in favor of temperance. It will be my endeavor to maintain this excellent reputation which Newton has acquired. Through the aid of the police I shall endeavor to execute and enforce, without exception, all the rules and ordinances, and the laws of the Commonwealth governing the city.

## CONCLUSION.

In conclusion, I would suggest the importance of acquiring a thorough knowledge of the city ordinances, and of the laws and rules which are to govern your action; this being indispensable to insure an intelligent and successful performance of your duty. Possessed of this necessary information, I trust that the discharge of the important duties and responsibilities committed to our care may be so faithful and complete as to merit the approval of our fellow-citizens.



CITY OF NEWTON.

AUDITOR'S ANNUAL REPORT

OF THE

FINANCES

OF THE

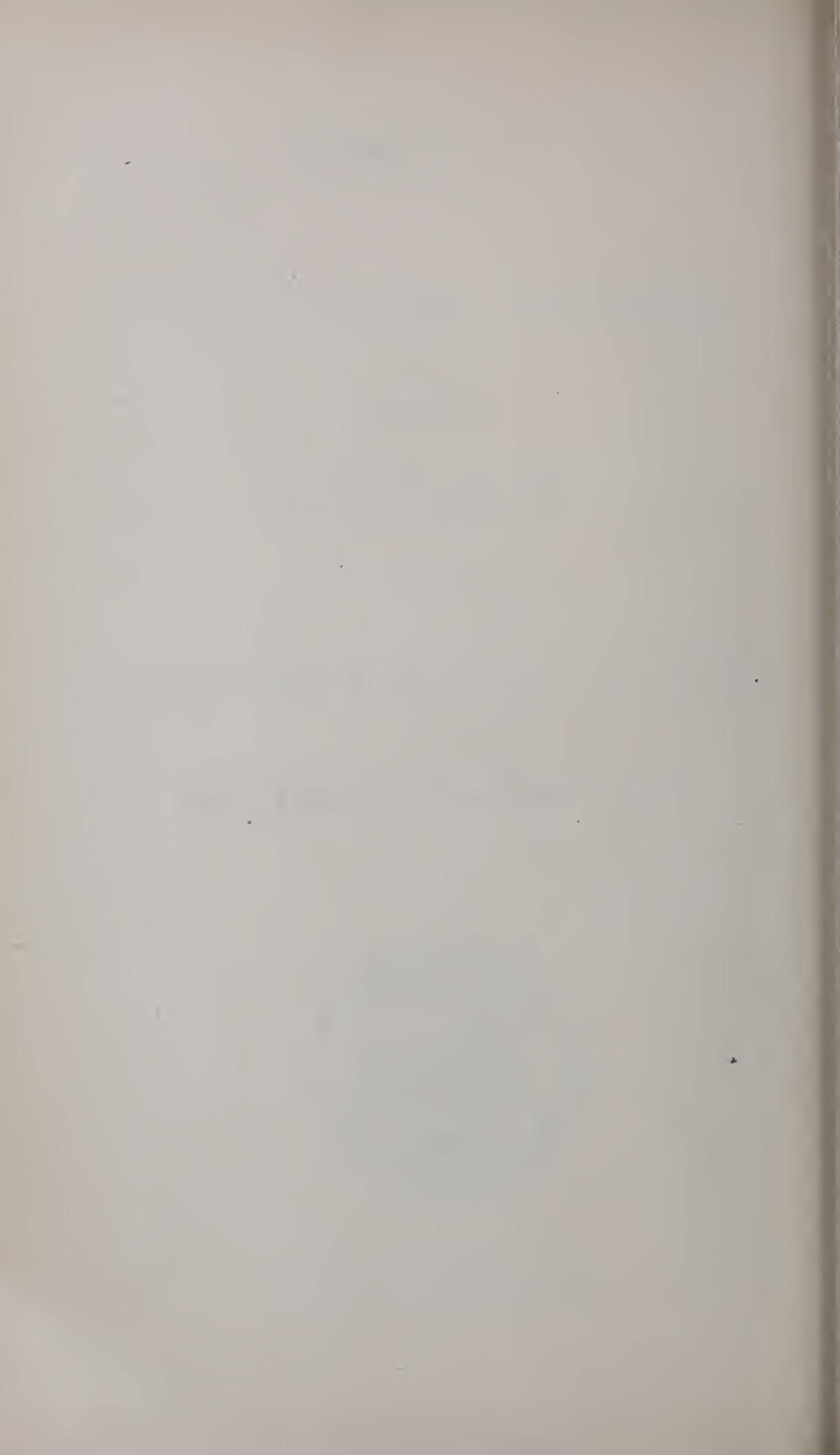
CITY OF NEWTON,

FOR THE YEAR ENDING DECEMBER 31, 1884.

No. CCVI.



NEWTON:  
PRESS OF THE NEWTON JOURNAL.  
1885.





## CONTENTS.

---

|  |         |
|--|---------|
| City Government, 1884 . . . . .  | vii-xvi |
| Auditor's Report . . . . .   | 1       |
| City Treasurer's Account . . . . .   | 3-6     |
| Report of Committee on Finance . . . . .                                     | 7-8     |
| Liabilities . . . . .  | 8-9     |
| Assets and Recapitulation . . . . .  | 9-12    |
| Receipts . . . . .   | 13-14   |
| Expenses . . . . .   | 14-16   |
| Table showing Appropriations, Transfers, Mayor's War-<br>rants, etc. . . . . | 18-19   |
| Table showing Permanent Debt . . . . .                                       | 20      |
| Statement of Kenrick Fund . . . . .  | 21      |
| Taxes and Taxable Valuation . . . . .  | 21-22   |
| Ledger Balances . . . . .  | 22-23   |
| Report of Commissioners of Sinking Funds . . . . .                           | 23-25   |
| Detailed Statement of Receipts and Expenditures . . . . .                    | 25-132  |

## RECEIPTS.

|                                      |    |
|--------------------------------------|----|
| Alms-house . . . . .                 | 25 |
| Armory . . . . .                     | 26 |
| Betterments . . . . .                | 26 |
| Collector's Fees . . . . .           | 26 |
| Corporation Tax . . . . .            | 26 |
| City Hall . . . . .                  | 27 |
| City Engineer's Department . . . . . | 27 |
| Drains and Culverts . . . . .        | 27 |
| Dog Tax . . . . .                    | 27 |
| Druggists' License-Fees . . . . .    | 27 |
| Fire Department . . . . .            | 27 |
| Funded Debts—Water Bonds . . . . .   | 28 |
| Funded Debt—Schoolhouse . . . . .    | 28 |
| Highway Department . . . . .         | 28 |
| Interest on City Loan . . . . .      | 29 |
| Interest on Deposits . . . . .       | 29 |



|   |       |
|---|-------|
| Interest on Taxes . . . . .                     | 29    |
| Interest on Water Bonds . . . . .               | 29    |
| Kenrick Fund Income . . . . .                   | 30    |
| Miscellaneous . . . . .                         | 30    |
| National Bank Tax . . . . .                     | 30    |
| Newton Free Library . . . . .                   | 31    |
| Police Department . . . . .                     | 31    |
| Public Property . . . . .                       | 31    |
| Pedlars' Licenses . . . . .                     | 31    |
| Poor out of Almshouse . . . . .                 | 32-33 |
| Premium on Schoolhouse Notes . . . . .          | 34    |
| Premium on Tax Sale . . . . .                   | 34    |
| Read Fund Income . . . . .                      | 34    |
| Record and Other Fees . . . . .                 | 34    |
| School Incidentals . . . . .                    | 34    |
| Sidewalks and Curbing . . . . .                 | 34    |
| Street Light Department . . . . .               | 35    |
| State Aid . . . . .                             | 35    |
| Ships Engaged in Foreign Trade . . . . .        | 35    |
| Sinking Fund Commissioners . . . . .            | 35    |
| Taxes, 1879-'84 . . . . .                       | 35-37 |
| Temporary Loans . . . . .                       | 37    |
| Tuition for Non-Resident Pupils . . . . .       | 37    |
| United States Street Lighting Company . . . . . | 38    |
| Water Meters and Service-Pipes . . . . .        | 38    |
| Water-Rates . . . . .                           | 38    |
| Water-Rates by Meters . . . . .                 | 38    |

## EXPENDITURES.

|  |       |
|--|-------|
| Almshouse . . . . .                      | 38-41 |
| Armory . . . . .                         | 41    |
| Auburndale Schoolhouse . . . . .         | 42    |
| Books, Stationery and Printing . . . . . | 42-44 |
| Board of Health . . . . .                | 44-45 |
| Burial-Grounds . . . . .                 | 46    |
| Conveyance of Pupils . . . . .           | 46    |
| Curbing . . . . .                        | 46    |
| City Hall . . . . .                      | 47    |
| City Engineer's Department . . . . .     | 47-49 |
| Drains and Culverts . . . . .            | 49-51 |
| Evening Schools . . . . .                | 51-52 |
| Fire Department . . . . .                | 52-64 |
| Funded Debt . . . . .                    | 65    |
| Gravel Land . . . . .                    | 65    |
| Highways, General Repairs . . . . .      | 66-73 |

# CONTENTS.

v

|  |         |
|--|---------|
| Highways, Widening, Reconstruction and Improvements .  | 73-74   |
| Hutchin, William F. . . . .  | 74      |
| Improvement on Public Squares . . . . .  | 74-75   |
| Interest on City Loans . . . . .   | 76      |
| Interest on Water Bonds . . . . .  | 76      |
| Indigent Soldiers and Sailors . . . . .  | 76-77   |
| Industrial and Mechanical Drawing . . . . .  | 77      |
| Land Damages . . . . .   | 77-78   |
| Memorial Day . . . . .   | 78      |
| Miscellaneous Expenses . . . . .   | 78-86   |
| Newton Free Library . . . . .  | 86-89   |
| Newtonville Drain . . . . .  | 89      |
| Newton Centre—Rice Schoolhouse . . . . .   | 90      |
| Nonantum Schoolhouse . . . . .   | 90      |
| Police Department . . . . .  | 91-94   |
| Poor out of Almshouse . . . . .  | 94-99   |
| Public Property . . . . .  | 99-104  |
| Read Fund Income . . . . .   | 104     |
| Removal of Ashes . . . . .   | 105     |
| Salaries . . . . .   | 105-106 |
| Schools, General Appropriation for . . . . .   | 106-113 |
| Schools, Incidentals . . . . .   | 114-118 |
| Sidewalks . . . . .  | 119     |
| Sinking Fund, City Debt . . . . .  | 119     |
| Sinking Fund, Water Bonds . . . . .  | 119     |
| State Aid . . . . .  | 120     |
| Street Light Department . . . . .  | 120-122 |
| Torrey, George A. . . . .  | 122     |
| Taxes, State, County, National Bank . . . . .  | 122     |
| Temporary Loans . . . . .  | 123     |
| Use of Hydrants . . . . .  | 123     |
| Water Maintenance . . . . .  | 123-126 |
| Water Meters and Service Pipe . . . . .  | 126-128 |
| Water Construction . . . . .   | 128-131 |
| West Newton—Shaw-street Schoolhouse . . . . .  | 132     |
|  |         |
| Schedule of City Property, Real and Personal . . . . .   | 132-138 |
| Table showing the Number of Polls, Real and Personal<br>Estate, etc. . . . .                             | 139     |
| Table showing Amount paid for Support of Poor out of<br>Almshouse, from 1851 to 1884 inclusive . . . . . | 140     |
| Salaries of City Officers, 1885. . . . .   | 140-143 |
| Births, Marriages and Deaths, Fees, Dogs . . . . .   | 144-153 |



**OFFICERS**  
OF THE  
**NEWTON CITY GOVERNMENT.**  
**1884.**

---

**MAYOR.**

J. WESLEY KIMBALL.

**BOARD OF ALDERMEN.**

DWIGHT CHESTER, *President.*

**Ward One.**

HENRY E. COBB.

**Ward Two.**

BENJAMIN S. GRANT.

**Ward Three.**

JOHN W. CARTER.

**Ward Four.**

NOAH W. FARLEY.

**Ward Five.**

GEORGE PETTEE.

**Ward Six.**

DWIGHT CHESTER.

**Ward Seven.**

JOHN Q. HENRY.

**COMMON COUNCIL.**

SAMUEL L. POWERS, *President.*

**Ward One.**

WILLARD G. BRACKETT.  
JAMES EGGLESTON.

**Ward Two.**

PRESCOTT C. BRIDGHAM.  
ALBERT F. UPTON.

**Ward Three.**

JAMES H. NICKERSON.  
GEORGE D. DIX.

**Ward Four.**

WINTHROP B. ATHERTON.  
GEORGE M. FISKE.

*CITY GOVERNMENT.***Ward Five.**

EBEN THOMPSON.  
JOHN F. HECKMAN.

**Ward Six.**

EDWARD H. MASON.  
FRANK EDMANDS.

**Ward Seven.**

SAMUEL L. POWERS. JAMES W. FRENCH.

**Clerk of Common Council.**

ALBERT S. GLOVER.

**City Treasurer, and Collector of Taxes.**

JOHN A. KENRICK.

**Deputy Collector.**

MOSES CLARK, JUN.

**City Clerk, and Clerk of Board of Aldermen.**

ISAAC F. KINGSBURY.

**City Auditor, and Clerk of Committees.**

BENJAMIN F. OTIS.

**City Solicitor.**

WINFIELD S. SLOCUM.

**City Engineer.**

ALBERT F. NOYES.

**Superintendent of Streets.**

WILLIAM E. FULLER.

**Water Registrar.**

ALBERT S. GLOVER.

**Superintendent of Water-Works.**

H. N. HYDE, JUN.

**Agent of the Board of Health.**

NATHAN MOSMAN.

**City Messenger.**

JOSEPH D. WELLINGTON.



## ASSESSORS' DEPARTMENT.

## Assessors.

|                             |   |   |                             |
|-----------------------------|---|---|-----------------------------|
| ISAAC HAGAR, Chairman       | - | - | Term expires January, 1886. |
| HOWARD B. COFFIN, Secretary | - | " | " " " 1887.                 |
| SAMUEL M. JACKSON           | - | - | " " " 1885.                 |

## Assistant Assessors (Elected Annually).

|                         |                         |
|-------------------------|-------------------------|
| Ward 1.—DEXTER WHIPPLE. | Ward 4.—RUFUS MOULTON.  |
| Ward 2.—ELIHU SMEAD.    | Ward 5.—S. N. WOODWARD. |
| Ward 3.—OSCAR F. LUCAS. | Ward 6.—GEORGE WARREN.  |
| Ward 7.—JOHN WARNER.    |                         |

## SCHOOL COMMITTEE.

HON. J. WESLEY KIMBALL, Mayor, Chairman ex officio.  
 SAMUEL L. POWERS, President Common Council ex officio.  
 JULIUS L. CLARKE, Chairman.  
 ISAAC HAGAR, Secretary.  
 \*JOHN E. KIMBALL, Superintendent.

## Elective Members.

## Present Term of Office.

|                            |   |                        |
|----------------------------|---|------------------------|
| Ward 1.—EDMUND W. CONVERSE | - | Expires January, 1886. |
| CHARLES H. STONE           | - | " " 1886.              |
| Ward 2.—JOHN W. DICKINSON  | - | " " 1886.              |
| A. AMELIA SMEAD            | - | " " 1886.              |
| Ward 3.—JULIUS L. CLARKE   | - | " " 1885.              |
| FISHER AMES                | - | " " 1885.              |
| Ward 4.—WILLIAM S. SMITH   | - | " " 1885.              |
| ISAAC HAGAR                | - | " " 1885.              |
| Ward 5.—JOHN A. GOULD      | - | " " 1887.              |
| ALBERT B. PUTNEY           | - | " " 1887.              |
| Ward 6.—CHARLES C. BARTON  | - | " " 1887.              |
| WILLIAM D. PHILBRICK       | - | " " 1887.              |
| Ward 7.—GEORGE W. SHINN    | - | " " 1887.              |
| LINCOLN R. STONE           | - | " " 1885.              |

## District Committees.

## NEWTON CENTRE DISTRICT.

|                      |   |   |   |                     |
|----------------------|---|---|---|---------------------|
| CHARLES C. BARTON    | - | - | - | Newton Centre.      |
| WILLIAM D. PHILBRICK | - | - | - | Newton Centre.      |
| JOHN A. GOULD        | - | - | - | Newton Upper Falls. |
| ALBERT B. PUTNEY     | - | - | - | Newton Highlands.   |
| SAMUEL L. POWERS     | - | - | - | Newton.             |

\* Resigned May 28th. Thomas Emerson elected to fill vacancy, June 25th.

# CITY GOVERNMENT.

## UPPER FALLS DISTRICT.

|                      |   |   |   |   |   |                     |
|----------------------|---|---|---|---|---|---------------------|
| JOHN A. GOULD        | - | - | - | - | - | Newton Upper Falls. |
| ALBERT B. PUTNEY     | - | - | - | - | - | Newton Highlands.   |
| ISAAC HAGAR          | - | - | - | - | - | Newton Lower Falls. |
| WILLIAM D. PHILBRICK | - | - | - | - | - | Newton Centre.      |
| CHARLES C. BARTON    | - | - | - | - | - | Newton Centre.      |

## LOWER FALLS DISTRICT.

|                  |   |   |   |   |   |                     |
|------------------|---|---|---|---|---|---------------------|
| WILLIAM S. SMITH | - | - | - | - | - | Auburndale.         |
| FISHER AMES      | - | - | - | - | - | West Newton.        |
| ISAAC HAGAR      | - | - | - | - | - | Newton Lower Falls. |

## WEST NEWTON DISTRICT.

|                  |   |   |   |   |   |              |
|------------------|---|---|---|---|---|--------------|
| JULIUS L. CLARKE | - | - | - | - | - | West Newton. |
| J. W. DICKINSON  | - | - | - | - | - | Newtonville. |
| FISHER AMES      | - | - | - | - | - | West Newton. |
| WILLIAM S. SMITH | - | - | - | - | - | Auburndale.  |
| A. AMELIA SMEAD  | - | - | - | - | - | Newtonville. |

## NEWTONVILLE DISTRICT.

|                    |   |   |   |   |   |              |
|--------------------|---|---|---|---|---|--------------|
| J. W. DICKINSON    | - | - | - | - | - | Newtonville. |
| A. AMELIA SMEAD    | - | - | - | - | - | Newtonville. |
| LINCOLN R. STONE   | - | - | - | - | - | Newton.      |
| EDMUND W. CONVERSE | - | - | - | - | - | Newton.      |
| CHARLES H. STONE   | - | - | - | - | - | Newton.      |

## NEWTON DISTRICT.

|                    |   |   |   |   |   |         |
|--------------------|---|---|---|---|---|---------|
| LINCOLN R. STONE   | - | - | - | - | - | Newton. |
| CHARLES H. STONE   | - | - | - | - | - | Newton. |
| GEORGE W. SHINN    | - | - | - | - | - | Newton. |
| EDMUND W. CONVERSE | - | - | - | - | - | Newton. |
| SAMUEL L. POWERS   | - | - | - | - | - | Newton. |

## Standing Committees of the Board.

### HIGH SCHOOL.

|                   |                        |
|-------------------|------------------------|
| JULIUS L. CLARKE. | GEORGE W. SHINN.       |
| FISHER AMES.      | EDMUND W. CONVERSE.    |
| J. W. DICKINSON.  | CHARLES C. BARTON.     |
| WILLIAM S. SMITH. | THE MAYOR, ex officio. |

### EVENING SCHOOLS.

|                       |                   |
|-----------------------|-------------------|
| GEORGE W. SHINN.      | LINCOLN R. STONE. |
| WILLIAM D. PHILBRICK. |                   |

### MUSIC.

|                   |                  |
|-------------------|------------------|
| LINCOLN R. STONE. | A. AMELIA SMEAD. |
| ALBERT B. PUTNEY. |                  |



*CITY GOVERNMENT.*

xi

DRAWING AND WRITING.

A. AMELIA SMEAD. CHARLES H. STONE.  
ALBERT B. PUTNEY.

INDUSTRIAL DRAWING.

JOHN A. GOULD. CHARLES H. STONE.  
SAMUEL L. POWERS.

SEWING.

A. AMELIA SMEAD. GEORGE W. SHINN.  
WILLIAM D. PHILBRICK.

TEXT-BOOKS.

JULIUS L. CLARKE. WILLIAM S. SMITH.  
CHARLES C. BARTON.

RULES AND REGULATIONS.

GEORGE W. SHINN. JOHN W. DICKINSON.  
WILLIAM S. SMITH.

SALARIES.

EDMUND W. CONVERSE. SAMUEL L. POWERS.  
FISHER AMES.

SCHOOLHOUSES.

ISAAC HAGAR. CHARLES H. STONE.  
LINCOLN R. STONE.

ACCOUNTS AND PRINTING.

ISAAC HAGAR. FISHER AMES. JULIUS L. CLARKE.

**WATER BOARD.**

**From the Board of Aldermen.**

NOAH W. FARLEY.

**From the Common Council.**

ALBERT F. UPTON.

**At Large.**

EDWARD W. CATE. FRANCIS J. PARKER.\*  
FRANCIS A. DEWSON.

EDWARD W. CATE, President.  
ALBERT S. GLOVER, Clerk.

---

\* Resigned May 31. Charles Fred Crehore appointed June 16.

*CITY GOVERNMENT.***POOR DEPARTMENT.****Board of Overseers.**

THE MAYOR, ex officio, Chairman.

Ward 1.—DEXTER WHIPPLE.      Ward 4.—NATHAN MOSMAN.  
 Ward 2.—OLIVER B. LEAVITT.    Ward 5.—HOSEA C. HOYT.  
 Ward 3.—OSCAR F. LUCAS.      Ward 6.—GEORGE WARREN.  
 Ward 7.—JOHN WARNER.

NATHAN MOSMAN, Clerk of Board.  
 NATHAN MOSMAN, City Almoner.  
 NATHANIEL D. MOODY, Warden of Almshouse.  
 Mrs. ELIZA A. MOODY, Matron.

**FIRE DEPARTMENT.**

HENRY L. BIXBY, Chief of Department.  
 WILLIAM BEMIS, Assistant Chief of Department.

**TRUSTEES OF PUBLIC LIBRARY.****From the Board of Aldermen.**

NOAH W. FARLEY.

**From the Common Council.**

EBEN THOMPSON.

**At Large.**

JOHN S. FARLOW.                      B. K. PEIRCE.  
 WILLIAM CLAFLIN.                  A. LAWRENCE EDMANDS.  
 JULIUS L. CLARKE.

JOHN S. FARLOW, President.  
 B. K. PIERCE, Superintendent.  
 HANNAH P. JAMES, Librarian.

**POLICE DEPARTMENT.**

DANIEL M. HAMMOND, City Marshal.  
 CHARLES F. RICHARDSON, Sergeant of Police.

**Police Officers.**

|                     |                     |
|---------------------|---------------------|
| JAMES D. HENTHORN.  | CHARLES P. HUESTIS. |
| WILLIAM C. EMERSON. | ROBERT S. HARRISON. |
| NOAH F. BOSWORTH.   | CHARLES E. DAVIS.   |
| GEORGE E. F. BAKER. | FRANK B. FLETCHER.  |
| CHARLES O. DAVIS.   | JOHN PURCILL.       |
| EDSON C. HOLMES.    | RUFUS H. MOULTON.   |
| JOHN RYAN.          | W. G. BOSWORTH.     |

## ELECTION OFFICERS 1884.

## Ward One.

|                  |   |   |   |   |                   |
|------------------|---|---|---|---|-------------------|
| Warden           | . | . | . | . | JESSE F. FRISBIE. |
| Deputy Warden    | . | . | . | . | R. ORLANDO EVANS. |
| Clerk            | . | . | . | . | SETH C. STEVENS.  |
| Deputy Clerk     | . | . | . | . | GEORGE R. ASTON.  |
| Inspector        | . | . | . | . | EDWARD L. LEMON.  |
| Inspector        | . | . | . | . | DEXTER WHIPPLE.   |
| Deputy Inspector | . | . | . | . | GEORGE LANE, 2D.  |

## Ward Two.

|                  |   |   |   |   |                       |
|------------------|---|---|---|---|-----------------------|
| Warden           | . | . | . | . | HENRY P. DEARBORN.    |
| Deputy Warden    | . | . | . | . | EZRA S. FARNSWORTH.   |
| Clerk            | . | . | . | . | WILLARD S. HIGGINS.   |
| Deputy Clerk     | . | . | . | . | ALFRED B. TAINTER.    |
| Inspector        | . | . | . | . | LAWRENCE H. CRANITCH. |
| Inspector        | . | . | . | . | JAMES D. BILLINGS.    |
| Deputy Inspector | . | . | . | . | J. H. WILLIAMS.       |
| Deputy Inspector | . | . | . | . | J. CLIFTON WHITNEY.   |

## Ward Three.

|                  |   |   |   |   |                     |
|------------------|---|---|---|---|---------------------|
| Warden           | . | . | . | . | GEORGE H. INGRAHAM. |
| Deputy Warden    | . | . | . | . | FRANK E. HUNTER.    |
| Clerk            | . | . | . | . | J. HARRIS REED.     |
| Deputy Clerk     | . | . | . | . | JOHN A. GAW.        |
| Inspector        | . | . | . | . | HARVEY C. WOOD.     |
| Inspector        | . | . | . | . | CHARLES F. TUTTLE.  |
| Deputy Inspector | . | . | . | . | ARTHUR R. COE.      |

## Ward Four.

|                  |   |   |   |   |                        |
|------------------|---|---|---|---|------------------------|
| Warden           | . | . | . | . | GEORGE E. JOINSON.     |
| Deputy Warden    | . | . | . | . | BERNARD EARLY.         |
| Clerk            | . | . | . | . | HENRY H. MATHER.       |
| Deputy Clerk     | . | . | . | . | G. LYMAN SNOW.         |
| Inspector        | . | . | . | . | HENRY WASHBURN.        |
| Inspector        | . | . | . | . | EVERETT E. MOODY.      |
| Deputy Inspector | . | . | . | . | WILLIAM A. LEONARD.    |
| Deputy Inspector | . | . | . | . | GEORGE W. CHAMBERLAIN. |

## Ward Five.

|                  |   |   |   |   |                    |
|------------------|---|---|---|---|--------------------|
| Warden           | . | . | . | . | ALBERT J. GROVER.  |
| Deputy Warden    | . | . | . | . | JOHN W. HOWE.      |
| Clerk            | . | . | . | . | GEORGE A. GLEASON. |
| Deputy Clerk     | . | . | . | . | CHARLES H. HALE.   |
| Inspector        | . | . | . | . | WILLIAM T. LOGAN.  |
| Deputy Inspector | . | . | . | . | JOHN P. TENNEY.    |
| Deputy Inspector | . | . | . | . | PHILIP T. BEGLEY.  |

**Ward Six.**

|                            |                       |
|----------------------------|-----------------------|
| Warden . . . . .           | SAMUEL M. JACKSON.    |
| Deputy Warden . . . . .    | JAMES D. GREENE.      |
| Clerk . . . . .            | LEWIS E. COFFIN.      |
| Deputy Clerk . . . . .     | ROBERT R. BISHOP, JR. |
| Inspector . . . . .        | GEORGE R. HOVEY.      |
| Deputy Inspector . . . . . | JAMES W. HILL.        |
| Deputy Inspector . . . . . | HENRY H. READ.        |

**Ward Seven.**

|                            |                       |
|----------------------------|-----------------------|
| Warden . . . . .           | J. EDWIN WARNER.      |
| Deputy Warden . . . . .    | CHARLES W. BASSETT.   |
| Clerk . . . . .            | MOSES CLARK, JR.      |
| Deputy Clerk . . . . .     | HENRY C. DANIELS.     |
| Inspector . . . . .        | GEORGE W. LAMSON.     |
| Inspector . . . . .        | GEORGE S. WOODBRIDGE. |
| Deputy Inspector . . . . . | FRED'K A. WETHERBEE.  |
| Deputy Inspector . . . . . | EDWIN HOLMAN.         |

**JOINT STANDING COMMITTEES OF THE CITY COUNCIL.****Committee on Finance and Salaries.****ALDERMEN.**

JOHN Q. HENRY.

BENJAMIN S. GRANT.

**COUNCILMEN.**

PRESIDENT SAMUEL L. POWERS. WILLARD G. BRACKETT.  
EDWARD H. MASON.

**Committee on Accounts.****ALDERMEN.**

NOAH W. FARLEY.

JOHN W. CARTER.

**COUNCILMEN.**

PRESCOTT C. BRIDGHAM.

JAMES EGGLESTON.

JOHN F. HECKMAN.

**Committee on Public Property and Burial-Grounds.****ALDERMEN.**

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BENJAMIN S. GRANT.

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EDWARD H. MASON.

WINTHROP B. ATHERTON.

JAMES EGGLESTON.

**Committee on State Aid, Soldiers' Relief, and Military Affairs.****ALDERMEN.**

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HENRY E. COBB.

**COUNCILMEN.**

EBEN THOMPSON.

ALBERT F. UPTON.

GEORGE M. FISKE.



**Committee on Fuel and Street Lights.**

ALDERMEN.

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HENRY E. COBB.

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FRANK EDMANDS.

**Committee on Fire Department.**

ALDERMEN.

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FRANK EDMANDS.

**Committees on Highways, Streets and Ways, Sidewalks, Drains and Sewers.**

ALDERMEN.

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JOHN Q. HENRY.

COUNCILMEN.

JAMES H. NICKERSON.

PRESCOTT C. BRIDGHAM.

GEORGE M. FISKE.

**Committee on Printing.**

ALDERMAN.

JOHN W. CARTER.

COUNCILMEN.

EBEN THOMPSON.

WINTHROP B. ATHERTON.

**Committee on Ordinances.**

ALDERMEN.

DWIGHT CHESTER.

BENJAMIN S. GRANT.

COUNCILMEN.

WILLARD G. BRACKETT.

GEORGE M. FISKE.

JOHN F. HECKMAN.

**Committee on Claims.**

ALDERMEN.

JOHN Q. HENRY.

DWIGHT CHESTER.

COUNCILMEN.

PRESIDENT SAMUEL L. POWERS.

GEORGE D. DIX.

JOHN F. HECKMAN.

**Committee on Almshouse and Poor.**

ALDERMAN.

GEORGE PETTEE.

COUNCILMEN.

PRESCOTT C. BRIDGHAM.

GEORGE D. DIX.

**Committee on Assessors' Department.**

ALDERMAN.

NOAH W. FARLEY.

## CITY GOVERNMENT.

## COUNCILMEN.

JAMES W. FRENCH.

GEORGE D. DIX.

## Highway Surveyors.

## ALDERMEN.

DWIGHT CHESTER.

JOHN Q. HENRY.

## COUNCILMEN.

JAMES H. NICKERSON.

PRESCOTT C. BRIDGHAM.

GEORGE M. FISKE.

## Committee on Parks.

## ALDERMEN.

BENJAMIN S. GRANT.

NOAH W. FARLEY.

GEORGE PETTEE.

## COUNCILMEN.

JAMES H. NICKERSON.

WILLARD G. BRACKETT.

EDWARD H. MASON.

JAMES W. FRENCH.

## STANDING COMMITTEE OF THE BOARD OF ALDERMEN.

## Committee on Enrolled Ordinances and Resolutions.

## ALDERMEN.

DWIGHT CHESTER.

BENJAMIN S. GRANT.

## STANDING COMMITTEE OF THE MAYOR AND ALDERMEN.

## Committee on Police.

## THE MAYOR.

## ALDERMEN.

HENRY E. COBB.

JOHN W. CARTER.

## Committee on Licenses, Weights and Measures.

## ALDERMEN.

JOHN Q. HENRY.

NOAH W. FARLEY.

## Committee on Elections.

## ALDERMEN.

HENRY E. COBB.

GEORGE PETTEE.

## President of the Board of Health.

JOHN Q. HENRY.

## STANDING COMMITTEE OF THE BOARD OF HEALTH.

## ALDERMEN.

HENRY E. COBB.

JOHN W. CARTER.

NOAH W. FARLEY.

## STANDING COMMITTEE OF THE COMMON COUNCIL.

## Committee on Enrolled Ordinances and Resolutions.

## COUNCILMEN.

PRESCOTT C. BRIDGHAM.

JAMES EGGLESTON.

JOHN F. HECKMAN.

## REGISTRARS OF VOTERS.

ISAAC F. KINGSBURY, *City Clerk ex officio*.

GEORGE E. BRIDGES, 1 year. RICHARD T. SULLIVAN, 2 years.

GEORGE H. BOURNE, 3 years.



## AUDITOR'S REPORT.

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CITY OF NEWTON.

AUDITOR'S DEPARTMENT, CITY HALL,  
April 28, 1885.

*To the Honorable City Council.*

GENTLEMEN,—In conformity with the requirements of Section 10 of Ordinance No. 4, relating to Finance, the undersigned presents herewith his Annual Report of the receipts and expenditures of the City of Newton for the financial year commencing Jan. 1, and terminating Dec. 31, 1884, with a detailed account of each department, a statement of the liabilities and assets, the rates of interest, and times the notes and bonds are payable, also a statement of the sinking funds, a schedule of the real and personal property, with other information relating to the financial matters of the city.

Respectfully submitted.

BENJAMIN F. OTIS, *Auditor.*

CITY OF NEWTON, Dec. 31, 1884.

*To the Honorable Mayor and City Council.*

GENTLEMEN,— In accordance with Section 11 of Ordinance No. 4, I have the honor to lay before you the statement of the receipts and expenditures of the Treasury Department for the year ending Dec. 31, 1884.

Very respectfully yours,

JOHN A. KENRICK,

*Treasurer and Collector.*

## CITY TREASURER'S ACCOUNT.

*City of Newton in Account with JOHN A. KENRICK, Treasurer and Collector.*

DR.

|   |            |
|---|------------|
| Almshouse, expenses and repairs . . . . .     | \$4,493 55 |
| Armory, rent and expenses . . . . .           | 1,137 46   |
| Auburndale School House . . . . .             | 17,255 27  |
| Books, stationery, and printing . . . . .     | 2,670 30   |
| Board of Health . . . . .                     | 2,265 41   |
| Burial-grounds . . . . .                      | 200 00     |
| City of Newton . . . . .                      | 81 90      |
| County Tax . . . . .                          | 14,801 80  |
| Conveyance of pupils . . . . .                | 690 00     |
| Curbing . . . . .                             | 1,269 01   |
| City Hall expenses . . . . .                  | 1,660 90   |
| City engineer's department . . . . .          | 6,682 51   |
| Drains and culverts . . . . .                 | 14,611 65  |
| Evening schools . . . . .                     | 625 79     |
| Fire department . . . . .                     | 24,391 09  |
| Funded debt . . . . .                         | 20,000 00  |
| General appropriation for schools . . . . .   | 90,306 59  |
| Gravel land . . . . .                         | 1,856 06   |
| Highways, general repairs . . . . .           | 53,364 84  |
| Highways, widening and improvements . . . . . | 15,106 59  |

---

*Amount carried forward . . . . .* \$273,470 72

|                               |   |   |   |                    |
|-------------------------------|---|---|---|--------------------|
| <i>Amount brought forward</i> | . | . | . | \$273,470 72       |
| Hutchin, Wm. F.               | . | . | . | 569 39             |
| Improvement on public squares | . | . | . | 2,299 53           |
| Interest on city loans        | . | . | . | 24,204 81          |
| Interest on water bonds       | . | . | . | 52,500 00          |
| Indigent soldiers and sailors | . | . | . | 952 00             |
| Kenrick fund                  | . | . | . | 165 20             |
| Land damages                  | . | . | . | 1,148 76           |
| Memorial day                  | . | . | . | 400 00             |
| Miscellaneous expenses        | . | . | . | 11,345 54          |
| Newton free library           | . | . | . | 8,365 85           |
| Nonantum school house         | . | . | . | 5,694 57           |
| Newton Centre school house    | . | . | . | 12,400 00          |
| Overlay, 1882, 1883, 1884     | . | . | . | 3,597 65           |
| Police department             | . | . | . | 17,290 67          |
| Poor out of almshouse         | . | . | . | 7,217 51           |
| Public property               | . | . | . | 12,520 15          |
| Removal of ashes              | . | . | . | 3,213 59           |
| Read Fund                     | . | . | . | 1,252 76           |
| State tax                     | . | . | . | 32,180 00          |
| Salaries                      | . | . | . | 14,392 43          |
| School incidentals            | . | . | . | 16,007 87          |
| Sidewalks                     | . | . | . | 7,034 71           |
| Sinking fund on city debt     | . | . | . | 20,800 00          |
| Sinking fund on water debt    | . | . | . | 16,000 00          |
| Street light department       | . | . | . | 18,847 17          |
| State aid                     | . | . | . | 863 50             |
| Torrey, George A.             | . | . | . | 50 00              |
| Temporary loans               | . | . | . | 320,000 00         |
| Use of hydrants               | . | . | . | 8,000 00           |
| Water construction            | . | . | . | 24,586 41          |
| Water maintenance             | . | . | . | 12,716 21          |
| <i>Amount carried forward</i> | . | . | . | <hr/> \$930,087 00 |

|   |          |              |
|---|----------|--------------|
| <i>Amount brought forward</i>                         | .. . . . | \$930,087 00 |
| Water maintenance, meters, and service-pipe,          |          | 5,120 80     |
| West Newton school house . . . . .                    |          | 8,065 38     |
| Heating, ventilating, repairs, etc., on school houses |          | 1,088 55     |
| National bank tax . . . . .                           |          | 1,270 92     |
| Balance in the treasury Dec. 31, 1884 . . .           |          | 45,647 91    |
|   |          | <hr/>        |
|   |          | \$991,280 56 |
|   |          | <hr/>        |

## CR.

|   |              |
|---|--------------|
| Balance in treasury Dec. 31, 1883 . . .       | \$58,435 98  |
| Almshouse . . . . .                           | 1,600 13     |
| Armory . . . . .                              | 400 00       |
| Betterments on Farlow park . . . . .          | 93 00        |
| Betterments on Murray street . . . . .        | 245 85       |
| Betterments on Newtonville drain . . . . .    | 1,639 35     |
| City of Newton . . . . .                      | 20,085 09    |
| Collector's fees . . . . .                    | 406 57       |
| Corporation tax . . . . .                     | 39,386 73    |
| City Hall expenses . . . . .                  | 843 50       |
| City engineer's department . . . . .          | 72 93        |
| Drains and culverts . . . . .                 | 2 35         |
| Dog tax . . . . .                             | 1,581 88     |
| Druggists' license-fees . . . . .             | 15 00        |
| Foreign ships . . . . .                       | 2,672 14     |
| Fire department . . . . .                     | 8 00         |
| Funded debt, 4 per cent water scrip . . . . . | 15,000 00    |
| Funded debt, school loan . . . . .            | 51,500 00    |
| Hutchin, Wm. F. . . . .                       | 409 79       |
| Highway general repairs . . . . .             | 354 28       |
| Interest on city loans . . . . .              | 10 00        |
| Interest on water bonds . . . . .             | 100 00       |
|   | <hr/>        |
| <i>Amount carried forward</i> . . . . .       | \$194,862 57 |

|   |   |   |   |                     |
|---|---|---|---|---------------------|
| <i>Amount brought forward</i>               | . | . | . | \$194,862 57        |
| Interest on bank deposits                   | . | . | . | 825 37              |
| Indigent soldiers and sailors               | . | . | . | 26 00               |
| Kenrick fund                                | . | . | . | 190 20              |
| Miscellaneous expenses                      | . | . | . | 102 11              |
| Newton free library                         | . | . | . | 20 80               |
| National bank tax                           | . | . | . | 13,708 69           |
| Police department                           | . | . | . | 945 50              |
| Poor out of almshouse                       | . | . | . | 1,102 20            |
| Public property                             | . | . | . | 924 75              |
| Premium on school loan                      | . | . | . | 584 01              |
| Pedlers' licenses                           | . | . | . | 22 00               |
| Premium on tax sale                         | . | . | . | 12 00               |
| Read fund income                            | . | . | . | 2,156 27            |
| Record and other fees                       | . | . | . | 398 60              |
| School incidentals                          | . | . | . | 24 67               |
| Sidewalks and curbing                       | . | . | . | 481 18              |
| Street-light department                     | . | . | . | 20 00               |
| State aid                                   | . | . | . | 1,365 50            |
| Temporary loans                             | . | . | . | 300,000 00          |
| Taxes of 1882                               | . | . | . | 236 65              |
| Taxes of 1883                               | . | . | . | 73,638 21           |
| Taxes of 1884                               | . | . | . | 341,896 44          |
| Tuition of non resident pupils              | . | . | . | 436 40              |
| Water maintenance, meters, and service pipe | . | . | . | 5,879 38            |
| Water rates                                 | . | . | . | 31,524 66           |
| Water construction                          | . | . | . | 1,480 84            |
| Water rates by meter                        | . | . | . | 16,244 96           |
| Interest on taxes                           | . | . | . | 2,170 60            |
| Total                                       | . | . | . | <u>\$991,280 56</u> |

JOHN A. KENRICK,  
*Treasurer and Collector, City of Newton.*











## CITY OF NEWTON, Dec. 31, 1884.

THE Joint Standing Committee on Finance beg leave to report, that, in pursuance of Sec. 13 of Ordinance No. 4, they have examined the books and accounts of the Treasurer and Collector for the financial year ending Dec. 31st, 1884, and find them correct in all respects, and all payments properly vouched.

|   |              |
|---|--------------|
| Cash on hand Dec. 31, 1883, . . . . .             | \$58,435 98  |
| Total cash rec'pts for year ending Dec. 31, 1884, | 932,844 58   |
|   | <hr/>        |
|   | \$991,280 56 |

|   |              |
|---|--------------|
| Payments for the year . . . . .             | \$945,632 65 |
|   | <hr/>        |
| On hand at close of business, Dec. 31, 1884 | \$45,647 91  |

This balance has been verified by examination of the bank balance to the credit of the city, and cash and cash items in the office.

They further report that there remains due and uncollected the following taxes and assessments:—

|                         |             |
|-------------------------|-------------|
| Taxes of 1879 . . . . . | \$891 52    |
| Taxes of 1880 . . . . . | 905 94      |
| Taxes of 1881 . . . . . | 1,228 00    |
| Taxes of 1882 . . . . . | 1,748 72    |
| Taxes of 1883 . . . . . | 2,494 46    |
| Taxes of 1884 . . . . . | 69,312 57   |
|                         | <hr/>       |
|                         | \$76,581 21 |

|   |   |   |   |    |           |    |
|---|---|---|---|----|-----------|----|
| <i>Amount brought forward</i>                     | . | . | . | .  | \$76,581  | 21 |
| Sidewalk and curbing assessments                  | . | . | . | .  | \$145     | 89 |
| Betterments on drains in Wards 1 and 2, estimated |   |   |   |    | 983       | 70 |
| Betterments on drains in Farlow Park              | . | . | . | .. | 21.542    | 47 |
| Betteements on drains in Murray St. Ward 2        |   |   |   |    | 1.438     | 13 |
|   |   |   |   |    | <hr/>     |    |
|   |   |   |   |    | \$24,110  | 19 |
|   |   |   |   |    | <hr/>     |    |
|   |   |   |   |    | \$100.691 | 40 |

Respectfully submitted.

|                  |                               |
|------------------|-------------------------------|
| J. Q. HENRY,     | } Committee<br>on<br>Finance. |
| B. S. GRANT,     |                               |
| SAM'L L. POWERS, |                               |
| EDWARD H. MASON, |                               |
| W. G. BRACKETT,  |                               |

**LIABILITIES OF THE CITY OF NEWTON TO DEC. 31, 1884,  
INCLUSIVE.**

|                               |   |   |   |   |             |    |              |
|-------------------------------|---|---|---|---|-------------|----|--------------|
| Water loan                    | . | . | . | . | \$965,000   | 00 | .            |
| Accrued interest on same      | . | . | . | . | 25,400      | 00 |              |
|                               |   |   |   |   | <hr/>       |    | \$990,400 00 |
| Town and city notes           | . | . | . | . | \$233,000   | 00 |              |
| Accrued interest on same      | . | . | . | . | 3,355       | 88 |              |
|                               |   |   |   |   | <hr/>       |    | \$236,355 88 |
| Municipal bonds               | . | . | . | . | \$34,000    | 00 |              |
| Accrued interest on same      | . | . | . | . | 850         | 00 |              |
|                               |   |   |   |   | <hr/>       |    | \$34,850 00  |
| Public Park bonds             | . | . | . | . | \$25,000    | 00 |              |
| Accrued interest on same      | . | . | . | . | 250         | 00 |              |
|                               |   |   |   |   | <hr/>       |    | \$25,250 00  |
| School house notes            | . | . | . | . | \$51,500    | 00 |              |
| Accrued interest on same      | . | . | . | . | 803         | 40 |              |
|                               |   |   |   |   | <hr/>       |    | \$52,303 40  |
|                               |   |   |   |   | <hr/>       |    |              |
| <i>Amount carried forward</i> | . | . | . | . | \$1,339,159 | 28 |              |



|  |   |   |       |                |
|--|---|---|-------|----------------|
| <i>Amount brought forward,</i>   | . | . | .     | \$1,339,159 28 |
| Temporary loans  | . | . | .     | \$70,000 00    |
| Accrued interest on same   | . |   |       | 28 87          |
|  |   |   | <hr/> | \$70,028 87    |
| Uninvested portion of principal<br>of Kenrick Fund   | . | . |       | \$1,740 00     |
| Accrued interest on same   | . |   |       | 25 00          |
|  |   |   | <hr/> | \$1,765 00     |
| Suspense account, amount in<br>treasury subject to call by<br>sundry parties                     | . | . |       | \$661 68       |
| Mayor's warrants unpaid, appro-<br>priations, etc.   | . | . |       | 40,260 07      |
| Mayor's warrants unpaid, water<br>construction   | . | . |       | 1,103 50       |
| Mayor's warrants unpaid, on ac-<br>count of new school houses<br>at Auburndale and Nonan-<br>tum | . | . |       | 1,787 08       |
|  |   |   | <hr/> | <hr/>          |
|  |   |   |       | \$43,812 33    |

#### DETAILED STATEMENT OF ASSETS.

|  |             |                |
|--|-------------|----------------|
| Balance of taxes, 1879,  | \$891 52    |                |
| Balance of taxes, 1880,  | 905 94      |                |
| Balance of taxes, 1881,  | 1,228 00    |                |
| Balance of taxes, 1882,  | 1,748 72    |                |
| Balance of taxes, 1883,  | 2,494 46    |                |
| Balance of taxes, 1884,  | 69,312 57   |                |
|  | <hr/>       | \$76,581 21    |
| Due from Commonwealth of Mass-<br>achusetts as follows:—                                 |             |                |
| On account of aid to soldiers<br>and sailors under chapters<br>301 and 252, Acts of 1879 | \$1,500 00  | <hr/>          |
| <i>Amounts carried forward,</i>  | \$78,081 21 | \$1,454,765 48 |

|                                  |   |          |    |             |    |
|----------------------------------|---|----------|----|-------------|----|
| <i>Amounts brought forward,</i>  | . | \$78,081 | 21 | \$1,454,765 | 48 |
| Balance of Corporation tax       |   | 3,034    | 83 |             |    |
| Armory rent for 1884             | . | 400      | 00 |             |    |
| Due from county treasurer, Dog   |   |          |    |             |    |
| tax for 1884                     | . | 1,841    | 45 |             |    |
| Due from miscellaneous sources ; |   |          |    |             |    |
| viz.,—                           |   |          |    |             |    |
| From sundry persons for bet-     |   |          |    |             |    |
| terments on drains in Wards      |   |          |    |             |    |
| 1 and 2, estimated               | . | 983      | 70 |             |    |
| From sundry persons for bet-     |   |          |    |             |    |
| terments on Farlow Park          | . | 21,542   | 47 |             |    |
| From sundry persons for bet-     |   |          |    |             |    |
| terments on Murray Street,       |   |          |    |             |    |
| Ward 2                           | . | 1,438    | 13 |             |    |
| From sundry persons for side-    |   |          |    |             |    |
| walk and curbing assessments,    |   | 145      | 89 |             |    |
| Cash on hand                     | . | 45,647   | 91 |             |    |
|                                  |   |          |    | \$76,534    | 38 |
|                                  |   |          |    | \$153,115   | 59 |
|                                  |   |          |    | \$1,454,765 | 48 |

#### SINKING FUNDS.

Water debt sinking fund : —

|                    |   |           |    |  |  |
|--------------------|---|-----------|----|--|--|
| City of Newton wa- |   |           |    |  |  |
| ter bonds, 4%      |   | \$77,000  | 00 |  |  |
| City of Newton wa- |   |           |    |  |  |
| ter bonds, 5%      |   | 62,000    | 00 |  |  |
| City of Newton     |   |           |    |  |  |
| school house note, |   |           |    |  |  |
| 4%                 | . | 5,150     | 00 |  |  |
|                    |   | \$144,150 | 00 |  |  |

*Amounts carried forward,*      \$297,265 59    \$1,454,765 48

|   |                  |                       |
|---|------------------|-----------------------|
| <i>Amounts brought forward</i>              | \$297,265 59     | \$1,454,765 48        |
| Cash on deposit on interest . . . 1,629 67  | <u>1,629 67</u>  |                       |
|   | \$1,629 67       |                       |
| City debt sinking fund:—                    |                  |                       |
| City of Newton water bonds, 4% \$13,000 00  |                  |                       |
| City of Newton water bonds, 5% 8,000 00     |                  |                       |
| Cash on deposit on interest, . . . 2,092 01 | <u>23,092 01</u> |                       |
|   |                  | \$321,987 27          |
|   |                  | <u>\$1,132,778 21</u> |

### RECAPITULATION.

#### Water Debt.

|  |                 |                     |
|--|-----------------|---------------------|
| Water loan . . . . .                               | \$965,000 00    |                     |
| Accrued interest on same . . . . .                 | 25,400 00       |                     |
| Mayor's warrants unpaid for construction . . . . . | <u>1,103 50</u> |                     |
|  |                 | \$991,503 50        |
| Sinking fund . . . . .                             |                 | <u>145,779 67</u>   |
| Net water liability . . . . .                      |                 | <u>\$845,723 83</u> |

#### City Debt Exclusive of Water Debt.

|   |                 |                     |
|---|-----------------|---------------------|
| Town and city notes . . . . .           | \$233,000 00    |                     |
| Accrued interest on same . . . . .      | <u>3,355 88</u> |                     |
|   |                 | \$236,355 88        |
| Municipal bonds . . . . .               | \$34,000 00     |                     |
| Accrued interest on same . . . . .      | <u>850 00</u>   |                     |
|   |                 | \$34,850 00         |
| <i>Amount carried forward</i> . . . . . |                 | <u>\$271,205 88</u> |

|   |   |   |   |                    |
|---|---|---|---|--------------------|
| <i>Amount brought forward,</i>  | . | . | . | \$271,205 88       |
| Public park bonds   | . | . | . | \$25,000 00        |
| Accrued interest on same  | . |   |   | 250 00             |
|   |   |   |   | <hr/> \$25,250 00  |
| School house notes  | . | . | . | \$51,500 00        |
| Accrued interest on same  | . |   |   | 803 40             |
|   |   |   |   | <hr/> \$52,303 40  |
| Temporary loan  | . | . | . | \$70,000 00        |
| Accrued interest on same  | . |   |   | 28 87              |
|   |   |   |   | <hr/> \$70,028 87  |
| Uninvested portion of principal<br>of Kenrick fund  | . | . | . | \$1,740 00         |
| Accrued interest on same  | . |   |   | 25 00              |
|   |   |   |   | <hr/> \$1,765 00   |
| Suspense account, amount in<br>treasury subject to call by<br>sundry parties                    | . | . | . | \$661 68           |
| Mayor's warrants unpaid, ap-<br>propriations, etc.  | . | . | . | \$40,260 07        |
| Mayor's warrants unpaid on ac-<br>count of new school houses<br>at Auburndale and Nonan-<br>tum | . | . | . | 1,787 08           |
|   |   |   |   | <hr/> \$42,708 83  |
|   |   |   |   | <hr/> \$463,261 98 |
| Cash on hand  | . | . | . | \$45,647 91        |
| Sinking fund  | . | . | . | 23,092 01          |
| Balance taxes uncollected   | . |   |   | 76,581 21          |
| Other assets uncollected  | . |   |   | 30,886 47          |
|   |   |   |   | <hr/> 176,207 60   |
| Net city debt liability   | . | . | . | \$287,054 38       |

## RECEIPTS.

The receipts for the year ending Dec. 31, 1884, are shown in the aggregates, as credited in the following accounts:—

Number of  
account.

|     |  |            |
|-----|--|------------|
| 1.  | Almshouse . . . . .                              | \$1,600 13 |
| 2.  | Armory . . . . .                                 | 400 00     |
| 3.  | Betterments . . . . .                            | 1,978 20   |
| 4.  | Collector's fees . . . . .                       | 406 57     |
| 5.  | Corporation tax . . . . .                        | 39,386 73  |
| 6.  | City hall . . . . .                              | 843 50     |
| 7.  | City engineer's department . . . . .             | 72 93      |
| 8.  | Drains and culverts . . . . .                    | 2 35       |
| 9.  | Dog tax . . . . .                                | 1,581 88   |
| 10. | Druggists' license-fees . . . . .                | 15 00      |
| 11. | Fire department . . . . .                        | 8 00       |
| 12. | Funded debt, water bonds . . . . .               | 15,000 00  |
| 13. | Funded debt, schoolhouse loan . . . . .          | 51,500 00  |
| 14. | William F. Hutchin . . . . .                     | 409 79     |
| 15. | Highway department . . . . .                     | 354 28     |
| 16. | Interest on city loans . . . . .                 | 10 00      |
| 17. | Interest on deposits . . . . .                   | 825 37     |
| 18. | Interest on taxes . . . . .                      | 2,170 60   |
| 19. | Interest on water bonds . . . . .                | 100 00     |
| 20. | Indigent soldiers and sailors . . . . .          | 26 00      |
| 21. | Kenrick fund income, etc. . . . .                | 190 20     |
| 22. | Miscellaneous . . . . .                          | 102 11     |
| 23. | National bank tax . . . . .                      | 13,708 69  |
| 24. | Newton free library, catalogue account . . . . . | 20 80      |
| 25. | Police department . . . . .                      | 945 50     |
| 26. | Public property . . . . .                        | 924 75     |
| 27. | Pedlers' license . . . . .                       | 22 00      |

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*Amount carried forward,* . . . . . \$132,605 38



|                |                                       |   |   |   |              |
|----------------|---------------------------------------|---|---|---|--------------|
|                | <i>Amount brought forward,</i>        |   |   |   | \$137,384 31 |
| 28.            | Poor out of almshouse                 | . | . | . | 1,102 20     |
| 29.            | Premium on schoolhouse notes          | . | . | . | 584 01       |
| 30.            | Premium on tax sale                   | . | . | . | 12 00        |
| 31.            | Read fund income                      | . | . | . | 2,156 27     |
| 32.            | Record and other fees                 | . | . | . | 398 60       |
| 33.            | School incidentals                    | . | . | . | 24 67        |
| 34.            | Sidewalks and curbing                 | . | . | . | 481 18       |
| 35.            | Street light department               | . | . | . | 20 00        |
| 36.            | State aid                             | . | . | . | 1,365 50     |
| 37.            | Ships engaged in foreign trade        | . | . | . | 2,672 14     |
| 38.            | Sinking fund commissioners            | . | . | . | 20,000 00    |
| 39.            | Taxes, 1882                           | . | . | . | 236 65       |
| 40.            | Taxes, 1883                           | . | . | . | 73,638 21    |
| 41.            | Taxes, 1884                           | . | . | . | 341,896 44   |
| 42.            | Temporary loans                       | . | . | . | 300,000 00   |
| 43.            | Tuition for non-resident pupils       | . | . | . | 436 40       |
| 44.            | United States Street Lighting Company | . | . | . | 85 09        |
| 45.            | Water construction                    | . | . | . | 1,480 84     |
| 46.            | Water meters and service-pipe         | . | . | . | 5,879 38     |
| 47.            | Water-rates, by schedule              | . | . | . | 31,524 66    |
| 48.            | Water-rates, by meter                 | . | . | . | 16,244 96    |
| Total receipts |                                       |   |   |   | \$932,844 58 |

### EXPENSES.

The claims for the year ending Dec. 31, 1884, as approved and drawn for in the auditor's office, are shown in the aggregates, as charged to following accounts:—

|                               |                                |   |   |   |            |
|-------------------------------|--------------------------------|---|---|---|------------|
| Number of<br>account.         |                                |   |   |   |            |
| 1.                            | Almshouse expenses and repairs | . | . | . | \$4,120 33 |
| 2.                            | Armory rent and expenses       | . | . | . | 1,052 21   |
| <i>Amount carried forward</i> |                                |   |   |   | \$5,172 54 |



|                               |   |                    |
|-------------------------------|---|--------------------|
| <i>Amount brought forward</i> |   | \$5,172 54         |
| 3.                            | Auburndale (Williams) schoolhouse                         | 16,422 00          |
| 4.                            | Books, stationery, and printing                           | 2,583 89           |
| 5.                            | Board of Health   | 2,207 47           |
| 6.                            | Burial grounds  | 200 00             |
| 7.                            | Conveyance of pupils                                      | 720 00             |
| 8.                            | Curbing   | 1,318 15           |
| 9.                            | City Hall expenses  | 1,600 50           |
| 10.                           | City engineer's department                                | 6,750 41           |
| 11.                           | Drains and culverts                                       | 14,711 83          |
| 12.                           | Evening schools   | 619 09             |
| 13.                           | Fire department   | 24,222 20          |
| 14.                           | Funded debt   | 20,000 00          |
| 15.                           | Gravel land   | 345 36             |
| 16.                           | Highways, general repairs                                 | 48,991 20          |
| 17.                           | Highways, widening, reconstruction, and im-<br>provements | 13,424 57          |
| 18.                           | Hutchin, Wm. F.   | 569 39             |
| 19.                           | Improvement on public squares                             | 2,081 17           |
| 20.                           | Interest on city loans                                    | 24,204 81          |
| 21.                           | Interest on water bonds                                   | 52,500 00          |
| 22.                           | Indigent soldiers and sailors                             | 940 00             |
| 23.                           | Kenrick fund income                                       | 165 20             |
| 24.                           | Land damages  | 2,498 76           |
| 25.                           | Memorial day  | 400 00             |
| 26.                           | Miscellaneous expenses                                    | 12,307 54          |
| 27.                           | Newton free library                                       | 7,999 95           |
| 28.                           | Newtonville drain   | 81 90              |
| 29.                           | Newton Centre (Rice) schoolhouse                          | 12,400 00          |
| 30.                           | Nonantum (Eliot) schoolhouse                              | 4,842 75           |
| 31.                           | Police department   | 17,752 52          |
| 32.                           | Poor out of almshouse                                     | 7,076 86           |
| <i>Amount carried forward</i> |   | <hr/> \$305,110 06 |

|                |  |   |   |   |                    |
|----------------|--|---|---|---|--------------------|
|                | <i>Amount brought forward</i>          |   |   |   | \$305,110 06       |
| 33.            | Public property                        | . | . | . | 12,600 24          |
| 34.            | Read fund                              | . | . | . | 1,252 76           |
| 35.            | Removal of ashes                       | . | . | . | 3,186 95           |
| 36.            | Salaries                               | . | . | . | 14,346 49          |
| 37.            | Schools, general appropriation for,    | . | . | . | 90,293 34          |
| 38.            | School incidentals                     | . | . | . | 15,547 25          |
| 39.            | Sidewalks and street crossings         | . | . | . | 6,794 06           |
| 40.            | Sinking fund on city debt              | . | . | . | 20,800 00          |
| 41.            | Sinking fund on water bonds            | . | . | . | 16,000 00          |
| 42.            | State aid                              | . | . | . | 837 50             |
| 43.            | Street light department                | . | . | . | 20,152 52          |
| 44.            | Torrey, George A.                      | . | . | . | 50 00              |
| 45.            | Taxes, 1884, state                     | . | . | . | 32,180 00          |
| 46.            | Taxes, 1884, county                    | . | . | . | 14,801 80          |
| 47.            | Taxes, 1884, national bank             | . | . | . | 1,270 92           |
| 48.            | Temporary loans                        | . | . | . | 320,000 00         |
| 49.            | Use of hydrants                        | . | . | . | 8,000 00           |
| 50.            | Water maintenance                      | . | . | . | 13,351 94          |
| 51.            | Water-meters, and service pipe         | . | . | . | 5,584 97           |
| 52.            | Water construction                     | . | . | . | 25,073 64          |
| 53.            | West Newton, (Shaw street) schoolhouse | . | . | . | 8,065 38           |
| Total expenses |  |   |   |   | <hr/> \$935,299 82 |



TABLE SHOWING APPROPRIATIONS, TRANSFERS, MAYOR'S WARRANTS, TREASURER'S PAYMENTS, DIFFERENCES, EXCESS AND DEFICIENCY ACCOUNT.

| OBJECT OF APPROPRIATION.   | APPROPRIATIONS FOR 1884. | TRANSFERS. | TOTAL APPROPRIATIONS. | MAYOR'S WARRANTS. | TREASURER'S PAYMENTS. | DIFFERENCES. | EXCESS AND DEFICIENCY ACCOUNT. |             |
|--|--------------------------|------------|-----------------------|-------------------|-----------------------|--------------|--------------------------------|-------------|
|  |                          |            |                       |                   |                       |              | Overdrawn.                     | Unexpended. |
| Alms-house expenses and repairs . . . . .  | \$4,500 00               | —          | \$4,500 00            | \$4,120 33        | \$4,493 55            | \$373 22     | —                              | \$379 67    |
| Armory rent and expenses . . . . .   | 1,100 00                 | —          | 1,100 00              | 1,052 21          | 1,137 46              | 85 25        | —                              | 47 79       |
| Books, Stationery and Printing . . . . .   | 2,600 00                 | —          | 2,600 00              | 2,583 89          | 2,670 30              | 86 41        | —                              | 16 11       |
| Board of Health . . . . .  | 2,300 00                 | —          | 2,300 00              | 2,507 47          | 2,265 41              | 57 94        | —                              | 92 53       |
| Burial-grounds . . . . .   | 200 00                   | —          | 200 00                | 200 00            | 200 00                | —            | —                              | —           |
| Conveyance of pupils . . . . .   | 650 00                   | \$70 00    | 720 00                | 720 00            | 690 00                | 30 00        | —                              | —           |
| Curbing . . . . .  | 1,200 00                 | 150 00     | 1,350 00              | 1,318 15          | 1,269 01              | 49 14        | —                              | 31 85       |
| City Hall expenses . . . . .   | 1,600 00                 | —          | 1,600 00              | 1,600 50          | 1,660 90              | 60 40        | 50                             | —           |
| City Engineer's department . . . . .   | 6,750 00                 | —          | 6,750 00              | 6,750 41          | 6,682 51              | 67 90        | 41                             | —           |
| Drains and Culverts . . . . .  | 12,000 00                | 2,800 00   | 14,800 00             | 14,711 83         | 14,611 65             | 100 18       | —                              | 88 17       |
| Evening Schools . . . . .  | 650 00                   | 30 91      | 619 69                | 619 09            | 625 79                | 6 70         | —                              | —           |
| Fire Department . . . . .  | 24,000 00                | —          | 24,000 00             | 24,222 20         | 24,391 09             | 168 89       | 222 20                         | —           |
| General appropri'n for schools \$89,500.00 }<br>Dog Tax, 1883, by order of City Council . . . . . 1,581.88 } | 91,081 88                | 788 54     | 90,293 34             | 90,293 34         | 90,306 59             | 13 25        | —                              | —           |
| Gravel Land . . . . .  | 3,000 00                 | 2,650 00   | 350 00                | 345 36            | 1,856 06              | 1,510 70     | —                              | 4 64        |
| Highways, General Repairs . . . . .  | 45,000 00                | 4,750 00   | 49,750 00             | 48,991 20         | 53,364 84             | 4,373 64     | —                              | 758 80      |
| Highways, widening, reconstruction }<br>and improvements . . . . . }   | 19,000 00                | 5,400 00   | 13,600 00             | 13,424 57         | 15,106 59             | 1,682 02     | —                              | 175 43      |
| Improvement on public squares . . . . .  | 2,000 00                 | —          | 2,000 00              | 2,081 17          | 2,299 53              | 218 36       | 81 17                          | —           |
| Interest on city loans . . . . .   | 25,900 00                | —          | 25,900 00             | 24,204 81         | 24,204 81             | —            | —                              | 1,695 19    |
| Interest on water bonds . . . . .  | 52,500 00                | —          | 52,500 00             | 52,500 00         | 52,500 00             | —            | —                              | —           |
| Indigent soldiers and sailors . . . . .  | 1,000 00                 | —          | 1,000 00              | 940 00            | 952 00                | 12 00        | —                              | 60 00       |
| Industrial and mechanical drawing . . . . .  | 300 00                   | 300 00     | —                     | —                 | —                     | —            | —                              | —           |
| Land damages . . . . .   | 1,400 00                 | —          | 1,400 00              | 2,498 76          | 1,148 76              | 1,350 00     | 1,098 76                       | —           |
| Memorial day . . . . .   | 400 00                   | —          | 400 00                | 400 00            | 400 00                | —            | —                              | —           |

|   |              |          |              |              |              |            |            |            |
|---|--------------|----------|--------------|--------------|--------------|------------|------------|------------|
| Miscellaneous expenses . . . . .  | 10,000 00    | 450 00   | 9,550 00     | 12,307 54    | 11,345 54    | 962 00     | 2,757 54   | —          |
| Newton Free Library . . . . .   | 8,000 00     | —        | 8,000 00     | 7,999 95     | 8,365 85     | 365 90     | —          | 05         |
| Police department . . . . .   | \$17,700.00  | —        | —            | —            | —            | —          | —          | 72 48      |
| Additional by order of City Council . . . . .   | 125.00       | —        | 17,825 00    | 17,752 52    | 17,290 67    | 461 85     | —          | 923 14     |
| Poor out of almshouse . . . . .   | 8,000 00     | —        | 8,000 00     | 7,076 86     | 7,217 51     | 140 65     | —          | —          |
| Public property . . . . .   | \$6,100.00   | —        | —            | —            | —            | —          | —          | —          |
| Additional by order of City Council . . . . .   | 6,000.00     | —        | 12,400 00    | 12,600 24    | 12,520 15    | 80 09      | 200 24     | —          |
| Removal of Ashes . . . . .  | 3,000 00     | —        | 3,000 00     | 3,186 95     | 3,213 59     | 26 64      | 186 95     | —          |
| Salaries . . . . .  | 11,300 00    | —        | 14,300 00    | 14,346 19    | 14,392 43    | 45 94      | 46 49      | —          |
| School incidentals . . . . .  | \$9,000.00   | —        | —            | —            | —            | —          | —          | —          |
| Additional by order of City Council . . . . .   | 5,500.00     | 1,049 45 | 15,549 45    | 15,547 25    | 16,007 87    | 460 62     | —          | 2 20       |
| Sidewalks and street crossings . . . . .  | 6,000 00     | 800 00   | 6,800 00     | 6,794 06     | 7,034 71     | 240 65     | —          | 5 94       |
| Sinking fund on city debt . . . . .   | 20,800 00    | —        | 20,800 00    | 20,800 00    | 20,800 00    | —          | —          | —          |
| Sinking fund on water bonds . . . . .   | 16,000 00    | —        | 16,000 00    | 16,000 00    | 16,000 00    | —          | —          | —          |
| Street light department . . . . .   | 20,250 00    | —        | 20,250 00    | 20,152 52    | 18,847 17    | 1,305 35   | —          | 97 48      |
| State aid . . . . .   | 1,000 00     | —        | 1,000 00     | 837 50       | 863 50       | 26 00      | —          | 162 50     |
| Use of Hydrants . . . . .   | 8,000 00     | —        | 8,000 00     | 8,000 00     | 8,000 00     | —          | —          | —          |
| Water maintenance . . . . .   | 13,500 00    | —        | 13,500 00    | 13,351 94    | 12,716 21    | 635 73     | —          | 148 06     |
| Water meters and service pipe, \$5,000.00   | 5,600 00     | —        | 5,600 00     | 5,584 97     | 5,120 80     | 464 17     | —          | 15 03      |
| Additional by order of City Council . . . . .   | 600.00       | —        | —            | —            | 1,088 55     | —          | —          | —          |
| Bills of 1883, for heating, ventilating, repairs, etc., on schoolhouses, paid by city Treasurer in 1884 . . . . . | —            | —        | —            | —            | \$483,661 40 | \$9,955 18 | \$4,594 26 | \$4,777 06 |
| Special appropriation on account of city debt sinking fund from unappropriated money in city treasury . . . . .   | 10,800 00    | —        | 10,800 00    | 10,800 00    | —            | 5,506 41   | —          | 4,594 26   |
| Less Mayor's warrant for 1883 paid by treasurer in 1884 . . . . .   | —            | —        | —            | —            | 34,997 39    | —          | —          | —          |
| Amount of Mayor's warrants for 1884 paid by treasurer in 1885 . . . . .   | —            | —        | —            | —            | \$448,664 01 | \$4,448 77 | —          | —          |
| Transferred into treasury . . . . .   | \$189,106 88 | —        | \$489,106 88 | \$488,924 08 | \$488,924 08 | \$4,448 77 | —          | \$182 80   |







**STATEMENT OF THE KENRICK FUND.**

The following is a statement of this fund and its income,  
Jan. 1, 1885:—

|                           |                   |
|---------------------------|-------------------|
| Amount invested . . . . . | \$2,260 00        |
| Cash uninvested . . . . . | 1,740 00          |
| Total fund . . . . .      | <u>\$4,000 00</u> |

|                                     |                 |
|-------------------------------------|-----------------|
| Balance income on hand Jan. 1, 1884 | \$52 20         |
| Income received in 1884 . . .       | 190 20          |
|                                     | <u>\$242 40</u> |

|                              |                |
|------------------------------|----------------|
| Amount distributed . . . . . | 165 20         |
| Balance . . . . .            | <u>\$77 20</u> |

The distribution of the income of this fund has been made, in accordance with the terms of the donor, to persons entitled to its benefits.

**TAXES AND TAXABLE VALUATION.**

The following will show the valuation of the property of the city on which taxes were assessed for the year 1884, with the amount of taxes and rate of taxation:—

|   |                        |
|---|------------------------|
| Value of real estate . . . . .          | \$20,467,295 00        |
| Value of personal estate . . . . .      | 7,347,266 00           |
|   | <u>\$27,814,561 00</u> |
| Taxable value of corporate stocks . . . | 2,744,000 00           |
| Taxable value of bank stocks . . . . .  | 1,025,000 00           |
|   | <u>\$31,583,561 00</u> |

|  |              |
|--|--------------|
| City appropriations for current expenses . . . . . | \$464,500 00 |
| Deduct estimated receipts for 1884 . . . . .       | 105,700 00   |
|  | <hr/>        |
|  | \$358,800 00 |
| State tax . . . . .                                | 32,180 00    |
| County tax . . . . .                               | 14,801 00    |
| Overlay and supplementary assessments . . . . .    | 4,402 10     |
|  | <hr/>        |
| Total assessments . . . . .                        | 410,183 10   |
|  | <hr/>        |
| Rate of taxation, \$14 40 on \$1,000.              |              |

#### LEDGER BALANCES.

|  |                |
|--|----------------|
| Cash . . . . .   | \$45,647 91    |
| Bills receivable . . . . .                                       | 250 00         |
| Bills receivable- Kenrick Fund . . . . .                         | 2,260 00       |
| Betterments, Newtonville drain . . . . .                         | 2,138 50       |
| Betterments, Murray street . . . . .                             | 1,438 13       |
| Betterments, Farlow Park . . . . .                               | 21,542 47      |
| Newton Centre school house . . . . .                             | 12,400 00      |
| Overlay, 1883 . . . . .  | 2,125 04       |
| Public property owned by the<br>city . . . . .                   | 856,514 60     |
| Real estate bought by city for<br>non-payment of taxes . . . . . | 622 06         |
| Sidewalk and curbing assess-<br>ments . . . . .                  | 145 89         |
| Taxes of 1879 . . . . .  | 891 52         |
| Taxes of 1880 . . . . .  | 905 94         |
| Taxes of 1881 . . . . .  | 1,228 00       |
| Taxes of 1882 . . . . .  | 1,748 72       |
| Taxes of 1883 . . . . .  | 2,494 46       |
| Taxes of 1884 . . . . .  | 69,312 57      |
| Water construction . . . . .                                     | 965,481 23     |
| West Newton school house . . . . .                               | 8,065 38       |
|  | <hr/>          |
|  | \$1,995,212 24 |

|   |                       |
|---|-----------------------|
| City of Newton . . . . .                  | \$558,649 42          |
| Funded debt 5% city bonds . . . . .       | 34,000 00             |
| Funded debt 6 1-2% city notes . . . . .   | 46,000 00             |
| Funded debt 6% city notes . . . . .       | 187,000 00            |
| Funded debt 6% water scrip . . . . .      | 600,000 00            |
| Funded debt 5% water scrip . . . . .      | 250,000 00            |
| Funded debt 4% water scrip . . . . .      | 115,000 00            |
| Funded debt 4% public park loan . . . . . | 25,000 00             |
| Funded debt 4% school loan . . . . .      | 51,500 00             |
| Kenrick Fund . . . . .                    | 4,025 00              |
| Mayor's warrants, unpaid bills . . . . .  | 40,260 07             |
| Overlay, 1879 . . . . .                   | 2,339 61              |
| Overlay, 1880 . . . . .                   | 3,801 44              |
| Overlay, 1881 . . . . .                   | 1,053 74              |
| Overlay, 1882 . . . . .                   | 675 72                |
| Overlay, 1884 . . . . .                   | 1,851 06              |
| Premium on tax sale . . . . .             | 12 00                 |
| Read fund income . . . . .                | 903 51                |
| Suspense account . . . . .                | 661 68                |
| School house, Auburndale . . . . .        | 2,431 37              |
| School house, Nonantum . . . . .          | 47 80                 |
| Temporary loans . . . . .                 | 70,000 00             |
|   | <u>\$1,995,212 42</u> |

## REPORT OF THE SINKING FUND COMMISSIONERS.

NEWTON, Jan. 1, 1885.

In accordance with the requirements of the City Charter and Ordinances, the Sinking Fund Commissioners beg leave to report the condition of the funds and securities in their charge on the 1st day of January, 1885.

**City Debt Sinking Fund.**

|  |             |
|--|-------------|
| On hand in cash and securities at par, Jan. 1, |             |
| 1884 . . . . .                                 | \$21,348 68 |
| Received interest on bonds and deposits .      | 943 33      |
| Received appropriations by the city for 1884   | 20,800 00   |
|  | <hr/>       |
|  | \$43,092 01 |

**Less.**

|  |             |
|--|-------------|
| Paid city treasurer to pay note due City In- |             |
| stitution for Savings at Lowell . . .        | 20,000 00   |
|  | <hr/>       |
|  | \$23,092 01 |

Invested as follows : —

|  |             |
|--|-------------|
| City of Newton 4% water bonds, due Oct. 1, |             |
| 1910 . . . . .                             | 13,000 00   |
| City of Newton 5% water bonds, due July 1, |             |
| 1906 . . . . .                             | 8,000 00    |
| Cash on deposit in bank . . . . .          | 2,092 01    |
|  | <hr/>       |
|  | \$23,092 01 |

**Water Debt Sinking Fund.**

|  |              |
|--|--------------|
| On hand in cash and securities at par, Jan. 1, |              |
| 1884 . . . . .                                 | \$124,242 35 |
| Received balance of interest on bonds and de-  |              |
| posits . . . . .                               | 5,537 32     |
| Received appropriations by the city for 1884 . | 16,000 00    |
|  | <hr/>        |
|  | \$145,779 67 |

Invested as follows : —

|   |             |
|---|-------------|
| City of Newton 4% water bonds, due Oct. 1,  |             |
| 1910 . . . . .                              | \$62,000 00 |
| City of Newton 4% water bonds, due April 1, |             |
| 1914 . . . . .                              | 15,000 00   |
|   | <hr/>       |
| <i>Amount carried forward</i> . . . . .     | \$77,000 00 |

|   |              |
|---|--------------|
| <i>Amount brought forward,</i>                                | \$77,000 00  |
| City of Newton 5% water bonds, due July 1,<br>1906 . . . . .  | 62,000 00    |
| City of Newton 4% school note, due Jan. 25,<br>1894 . . . . . | 5,150 00     |
| Cash on deposit in bank . . . . .                             | 1,629 67     |
|   | <hr/>        |
|   | \$145,779 67 |

During the year we have bought for the water debt sinking fund from the city \$15,000 4% water bonds and a 4% school note for \$5,150.

You will notice that we have paid to the city treasurer \$20,000 from the city debt sinking fund to enable him to retire a note for the same amount which fell due October 3, 1884.

Your commissioners also reported in October last, that there should be appropriated for the year 1885, as follows:—

|   |             |
|---|-------------|
| For the city debt sinking fund . . . . .  | \$20,800 00 |
| For the water debt sinking fund . . . . . | 17,000 00   |

Respectfully submitted.

|                  |                       |
|------------------|-----------------------|
| GEO. S. BULLENS, | } <i>Sinking Fund</i> |
| ALDEN SPEARE,    |                       |
| GEORGE C. LORD,  |                       |

*Commissioners.*

#### STATEMENT IN DETAIL OF RECEIPTS.

##### Almshouse.

|                                    |          |
|------------------------------------|----------|
| Received from N. D. Moody, warden, |          |
| for sale of hay, straw, produce,   |          |
| etc. . . . .                       | \$647 74 |

|   |       |          |
|---|-------|----------|
| <i>Amount carried forward . . . . .</i> | <hr/> | \$647 74 |
|---|-------|----------|



|                                       |   |          |            |
|---------------------------------------|---|----------|------------|
| <i>Amount brought forward</i>         | . | \$647 74 |            |
| Received from N. D. Moody, warden,    |   |          |            |
| sale of wood                          | . | 310 50   |            |
| Received from Wm. F. Hutchin,         | . | 569 39   |            |
| Received for support of Maggie Jack-  |   |          |            |
| son,                                  | . | 41 50    |            |
| Received for support of Mrs. Sherman, |   | 5 00     |            |
| Received for support of Mrs. Shaw,    |   | 26 00    |            |
|                                       |   |          | <hr/>      |
| Total, as per item No. 1 of receipts  | . |          | \$1,600 13 |

**Armory.**

|  |   |  |          |
|--|---|--|----------|
| Received from Commonwealth of Massachusetts, |   |  |          |
| for rent of armory, as per item No. 2 of     |   |  |          |
| receipts                                     | . |  | \$400 00 |

**Betterments.**

|                                       |   |          |            |
|---------------------------------------|---|----------|------------|
| Received from sundry persons on acct. |   |          |            |
| Farlow Park,                          | . | \$ 93 00 |            |
| Received from sundry persons on acct. |   |          |            |
| Murray street                         | . | 245 85   |            |
| Received from sundry persons on acct. |   |          |            |
| Newtonville drain                     | . | 1,639 35 |            |
|                                       |   |          | <hr/>      |
| Total, as per item No. 3 of receipts  | . |          | \$1,978 20 |

**Collector's Fees.**

|   |   |  |          |
|---|---|--|----------|
| Received from John A. Kenrick, treasurer, and |   |  |          |
| collector of taxes, for summonses, adver-     |   |  |          |
| tising tax sales, etc., as per item No. 4 of  |   |  |          |
| receipts                                      | . |  | \$406 57 |

**Corporation Tax.**

|  |   |  |             |
|--|---|--|-------------|
| Received from Commonwealth of Massachusetts, |   |  |             |
| as per item No. 5 of receipts                | . |  | \$39,386 73 |



**City Hall.**

|   |          |          |
|---|----------|----------|
| Received for use of hall, etc., . . .   | \$343 50 |          |
| Received from Amos Stone, treasurer<br>of county of Middlesex, for<br>rent of police court room . . . | 500 00   |          |
|   | <hr/>    |          |
| Total, as per item No. 6 of receipts . . .  |          | \$843 50 |

**City Engineer's Department.**

|   |         |         |
|---|---------|---------|
| Received from sale of horse . . .                       | \$50 00 |         |
| Received from town of Watertown for<br>survey . . . . . | 22 93   |         |
|   | <hr/>   |         |
| Total, as per item No. 7 of receipts . . .              |         | \$72 93 |

**Drains and Culverts.**

|   |  |        |
|---|--|--------|
| Received from W. E. Porter, refunded<br>of bill, as per item No. 8 of re-<br>ceipts . . . . . |  | \$2 35 |
|---|--|--------|

**Dog Tax.**

|  |  |            |
|--|--|------------|
| Received from Amos Stone, treasurer,<br>of county of Middlesex, for dog<br>tax, as per item No. 9 of re-<br>ceipts . . . . . |  | \$1,581 88 |
|--|--|------------|

**Druggists' License-Fees.**

|   |  |         |
|---|--|---------|
| Received from sundry persons for liquor<br>licenses of the sixth class, as per item<br>No. 10 of receipts . . . . . |  | \$15 00 |
|---|--|---------|

**Fire Department.**

|   |  |        |
|---|--|--------|
| Received from H. L. Bixby, chief of de-<br>partment, for sale of old stove,<br>as per item No. 11 of receipts . . . . . |  | \$8 00 |
|---|--|--------|

**Funded Debt.—Water Bonds.**

|   |             |
|---|-------------|
| Received from the commissioners of<br>sinking funds of city of Newton, for<br>fifteen water bonds, 4 per cent., \$1,000<br>each, as per item No. 12 of receipts . | \$15,000 00 |
|---|-------------|

**Funded Debt.—Schoolhouse Loan.**

|   |             |
|---|-------------|
| Received from the commis-<br>sioners of sinking funds of<br>city of Newton, for one<br>schoolhouse note, 4 per<br>cent. . . . . | \$5,150 00  |
| Received from Bassett, Whit-<br>ney & Co., for nine school-<br>house notes, 4 per cent.,<br>\$5,150 00 each . . . . .           | 46,350 00   |
| <hr/>   |             |
| Total as per item No. 13 of receipts :  | \$51,500 00 |
| Received from William F. Hutchin, the same<br>to be held in trust, as per item No.<br>14 of receipts . . . . .                  | \$409 79    |

**Highway.—General Repairs.**

|  |                |
|--|----------------|
| Received from B. F. Cutter for<br>old engine and boiler .                              | \$37 00        |
| Received from Gilkey & Stone,<br>for refund of bill . . . . .                          | 2 88           |
| Received from William E.<br>Fuller, superintendent of<br>streets, for sale of old iron | 8 40           |
| Received from town of Water-<br>town, for use of steam road-<br>roller . . . . .       | 30 00          |
| <hr/>  |                |
| <i>Amount carried forward . . . . .</i>  | <i>\$78 28</i> |











|  |   |        |          |
|--|---|--------|----------|
| <i>Amount brought forward</i>                  | . | .      | \$78 28  |
| Received from almshouse department, for manure | . | 276 00 | ————     |
| Total, as per item No. 15 of receipts          | . | .      | \$354 28 |

#### Interest on City Loans.

|   |   |   |   |   |   |   |   |         |
|---|---|---|---|---|---|---|---|---------|
| Received from Blake, Brothers & Co., interest on loan, as per item No. 16 of receipts | . | . | . | . | . | . | . | \$10 00 |
|---|---|---|---|---|---|---|---|---------|

#### Interest on Deposits.

|   |   |   |   |   |   |   |   |          |
|---|---|---|---|---|---|---|---|----------|
| Received from Newton National Bank, on daily balances, as per item No. 17 of receipts | . | . | . | . | . | . | . | \$825 37 |
|---|---|---|---|---|---|---|---|----------|

#### Interest on Taxes.

|   |   |   |            |
|---|---|---|------------|
| Received from sundry persons, interest on taxes, as per item No. 18 of receipts | . | . | \$2,170 60 |
|---|---|---|------------|

#### Interest on Water Bonds.

|  |   |          |
|--|---|----------|
| Received from commissioners of the sinking funds of city of Newton, accrued interest on \$15,000 4 per cent. water bonds, as per item No. 19 of receipts | . | \$100 00 |
|--|---|----------|

#### Indigent Soldiers and Sailors.

|                             |   |   |         |
|-----------------------------|---|---|---------|
| Levi Harrison, aid withheld | . | . | \$12 00 |
| R. W. Ireland, aid withheld | . | . | 8 00    |
| John Curtin, aid withheld   | . | . | 6 00    |

---

Total, as per item No. 20 of receipts, . \$ 26 00

**Kenrick Fund Income, etc.**

|  |            |            |
|--|------------|------------|
| Balance uninvested January 1, 1884,          |            |            |
| in city treasury . . .                       | \$1,740 00 |            |
| Balance of income on hand Jan. 1,            |            |            |
| 1884, . . . . .                              | 52 20      |            |
|  | <hr/>      | \$1,792 20 |
| Income from investments, . . .               | \$138 00   |            |
| Received from city of Newton, interest       |            |            |
| on uninvested portion of fund                | 52 20      |            |
|  | <hr/>      |            |
| Total, as per item No. 21 of receipts, . . . |            | 190 20     |
|  |            | <hr/>      |
|  |            | \$1,982 40 |

**Expended.**

|  |          |            |
|--|----------|------------|
| Distributed per order Board of Alder-    |          |            |
| men, as per item No. 23 of ex-           |          |            |
| penses . . . . .                         | \$165 20 |            |
| Balance income on hand . . .             | 77 20    |            |
|  | <hr/>    |            |
|  |          | 242 40     |
|  |          | <hr/>      |
| Balance uninvested January 1, 1885 . . . |          | \$1,740 00 |

**Miscellaneous.**

|  |  |          |
|--|--|----------|
| Received from W. S. Slocum, city soli- |  |          |
| citor, balance of amount ad-           |  |          |
| vanced for costs in suits, etc.,       |  |          |
| as per item No. 22 of receipts, . . .  |  | \$102 11 |

**National Bank Tax.**

|  |  |             |
|--|--|-------------|
| Received from Commonwealth of Mas-     |  |             |
| sachusetts National Bank Tax, as       |  |             |
| per item No. 23 of receipts, . . . . . |  | \$13,708 69 |

**Newton Free Library.—Catalogue Account.**

|   |         |
|---|---------|
| Received from B. K. Peirce, Secretary, for sale of Catalogues, as per item No. 24 of receipts . . . . | \$20 80 |
|---|---------|

**Police Department.**

|  |          |
|--|----------|
| Received from Edward W. Cate, Clerk of Police Court, fees, fees for witnesses, fines and costs . . . | \$820 50 |
| Received from sale of horse . . .  | 125 00   |
| Total, as per item No. 25 of receipts . . .  | \$945 50 |

**Public Property.**

|  |          |
|--|----------|
| Received from Samuel Farquhar, for land on Pearl Street . . .    | 432 25   |
| Received from Margaret Goode, for land on Nevada Street . . .    | 210 00   |
| Received for rent of Mason School-house Hall . . . . .           | 92 00    |
| Received for rent of Prospect School-house Hall . . . . .        | 91 00    |
| Received for rent of Hyde School-house Hall . . . . .            | 6 00     |
| Received for rent of house, Auburndale Avenue . . . . .          | 48 00    |
| Received from E. M. Fowle, Treas., for use of Baptist Pond . . . | 25 00    |
| Received for rent of Oak Hill School-house . . . . .             | 20 50    |
| Total, as per item No. 26 of receipts . . .                      | \$924 75 |

**Pedlars' Licenses.**

|   |         |
|---|---------|
| Received from F. J. McNamee, as per item No. 27 of receipts . . . . . | \$22 00 |
|---|---------|

**Poor out of Almshouse.**

|  |          |
|--|----------|
| Received from Commonwealth of<br>Massachusetts for partial sup-<br>port, etc., of sundry persons . | \$178 21 |
| Received from County of Middlesex,<br>for partial support of sundry<br>persons . . . . .           | 49 36    |
| Received from City of Boston, for<br>partial support of sundry per-<br>sons . . . . .              | 41 26    |
| Received from City of Lowell, for<br>partial support of sundry per-<br>sons . . . . .              | 50 50    |
| Received from City of Gloucester, for<br>partial support of sundry per-<br>sons . . . . .          | 28 00    |
| Received from City of Lawrence, for<br>partial support of sundry per-<br>sons . . . . .            | 20 75    |
| Received from City of Worcester, for<br>partial support of sundry per-<br>sons . . . . .           | 8 00     |
| Received from City of Cambridge, for<br>partial support of sundry per-<br>sons . . . . .           | 3 10     |
| Received from Town of Waltham, for<br>partial support of sundry per-<br>sons . . . . .             | 210 47   |
| Received from Town of Concord, for<br>partial support of sundry per-<br>sons . . . . .             | 77 88    |

---

*Amount carried forward* . . . . . \$667 53

|   |        |           |
|---|--------|-----------|
| <i>Amount brought forward,</i>  |        | \$657 53  |
| Received from Town of Needham, for<br>partial support of sundry per-<br>sons . . . . .  | 35 14  |           |
| Received from Town of Blackstone,<br>for partial support of sundry<br>persons . . . . . | 34 00  |           |
| Received from Town of Lancaster,<br>for partial support of sundry<br>persons . . . . .  | 15 00  |           |
| Received from Town of Hopkinton,<br>for partial support of sundry<br>persons . . . . .  | 6 40   |           |
| Received from Town of Wellesley for<br>partial support of sundry per-<br>sons . . . . . | 5 00   |           |
| Received from Town of Wrentham,<br>for partial support of sundry<br>persons . . . . .   | 4 00   |           |
| Received from Town of Natick, for<br>partial support of sundry per-<br>sons . . . . .   | 4 00   |           |
| Received from Town of Watertown,<br>for partial support of sundry<br>persons . . . . .  | 3 75   |           |
| Received for partial support of J. C.<br>Gipson . . . . .                               | 196 19 |           |
| Received for partial support of C. L.<br>Allen . . . . .                                | 100 00 |           |
| Received for partial support of Ellen<br>Wentworth . . . . .                            | 26 77  |           |
| Received from C. F. Eddy & Co., re-<br>fund of bill . . . . .                           | 4 42   |           |
| Total, as per item No. 28 of receipts   |        | \$1102 20 |



**Premium on Schoolhouse Notes.**

|  |          |
|--|----------|
| Received from Bassett, Whitney &<br>Co., 1.26 per cent. premium on<br>\$46,350 00 schoolhouse notes, as<br>per item 29 of receipts . . . . . | \$584 01 |
|--|----------|

**Premium on Tax Sale.**

|   |         |
|---|---------|
| Received from Michael Barrett, pre-<br>mium on real estate tax sale, as<br>per item No. 30 of receipts, . . . . . | \$12 00 |
|---|---------|

**Read Fund Income.**

|  |            |
|--|------------|
| Received from the Trustees of the<br>Read Fund interest on invest-<br>ments, as per item No. 31 of re-<br>ceipts . . . . . | \$2,156 27 |
|--|------------|

**Record and Other Fees.**

|  |          |
|--|----------|
| Received from City Clerk, for record-<br>ing mortgages, marriages, cer-<br>tificates, assignments, etc. as per<br>item No. 32 of receipts, . . . . . | \$398 60 |
|--|----------|

**School Incidentals.**

|  |         |
|--|---------|
| Received from Walworth Man'f. Co.,<br>refund of bill, as per item No. 33<br>of receipts, . . . . . | \$24 67 |
|--|---------|

**Sidewalks and Curbing.**

|  |          |
|--|----------|
| Received from sundry parties, on ac-<br>count of sidewalks and curbing,<br>as per item No. 34 of receipts, . . . . . | \$481 18 |
|--|----------|



**Street-Light Department.**

|  |         |
|--|---------|
| Received from George B. Moore for<br>iron lamp post, lantern, etc. broken<br>by team, as per item No. 35 of re-<br>ceipts, . . . . . | \$20 00 |
|--|---------|

**State Aid.**

|  |            |
|--|------------|
| Received from Commonwealth of<br>Massachusetts, on account of sun-<br>dry persons, under chapters 252<br>and 301, acts of 1879, as per item<br>No. 36 of receipts, . . . . . | \$1,365 50 |
|--|------------|

**Ships Engaged in Foreign Trade.**

|  |            |
|--|------------|
| Received from Commonwealth of Massa-<br>chusetts, on account of ships engaged<br>in foreign trade, as per item No. 37<br>of receipts . . . . . | \$2,672 14 |
|--|------------|

**Sinking Fund Commissioners.**

|   |             |
|---|-------------|
| Received from the commissioners of the<br>sinking funds of the city of Newton,<br>for the payment of a note of the town<br>of Newton, as per item No. 38 of<br>receipts . . . . . | \$20,000 00 |
|---|-------------|

**Taxes 1879.**

|   |          |
|---|----------|
| Balance uncollected Dec. 31, 1884 . . . . . | \$891 52 |
|---|----------|

**Taxes 1880.**

|   |          |
|---|----------|
| Balance uncollected Dec. 31, 1884 . . . . . | \$905 94 |
|---|----------|

**Taxes 1881.**

Balance uncollected Dec. 31, 1884 . . . \$1,228 00

**Taxes 1882.**

Balance uncollected Dec. 31,  
1883 . . . . . \$1,985 37

Received from sundry persons  
since Dec. 31, 1883, as per  
item No. 39 of receipts . . . \$236 65

Balance uncollected Dec. 31, 1884 . . . \$1,748 72

**Taxes 1883.**

Balance uncollected Dec. 31,  
1883 . . . . . \$76,725 57

Received from sundry persons  
since Dec. 31, 1883, as per  
item No. 40 of receipts . . . \$73,638 21  
Real estate taken for taxes . . . 592 90

\$74,231 11

Balance uncollected Dec. 31, 1884 . . . \$2,494 46

**Taxes, 1884.**

Amount assessed for State tax \$32,180 00

Amount assessed for County

tax . . . . . 14,801 80

Amount assessed for City tax, 358,800 00

Supplementary assessments, . . . 46 22

Overlay, . . . . . 4,355 88

Tax on non-resident bank  
shares, . . . . . 1,025 11

*Amount carried forward* . . . \$411,209 01

|  |   |   |              |
|--|---|---|--------------|
| <i>Amount brought forward</i>  | . | . | \$411,209 01 |
| Received from sundry persons<br>to Dec. 31, 1884, as per<br>item No. 41 of receipts, | . |   | 341,896 44   |
|  |   |   | <hr/>        |
| Balance uncollected, Dec.<br>31, 1884,   | . | . | \$69,312 57  |

### Temporary Loans.

Borrowed during the year, by authority of the City Council (in anticipation of taxes), for the payment of current expenses:—

|  |   |   |              |
|--|---|---|--------------|
| April 24. Commonwealth of Massachusetts, at 3 3-4 per cent<br>per annum, | . | . | \$40,000 00  |
| April 26. Suffolk Savings Institution, at 3 3-4 per cent<br>per annum,   | . | . | 60,000 00    |
| June 25. Richardson, Hill & Co., at<br>4 1-4 per cent per annum          |   |   | 50,000 00    |
| July 16. Richardson, Hill & Co., at<br>4 1-2 per cent per annum,         |   |   | 15,000 00    |
| Aug. 8. New England Trust Co.,<br>at 4 1-4 per cent per annum,           | . | . | 35,000 00    |
| Oct. 2. New England Trust Co., at<br>4 per cent per annum,               |   |   | 30,000 00    |
| Dec. 26. Blake, Brothers & Co., at<br>3 5-8 per cent per annum,          |   |   | 70,000 00    |
|  |   |   | <hr/>        |
| Total, as per item No. 42 of receipts                                    | . | . | \$300,000 00 |

### Tuition for Non-resident Pupils.

|  |   |   |          |
|--|---|---|----------|
| Received from sundry non-residents,<br>for tuition, as per item<br>No. 43 of receipts, | . | . | \$436 40 |
|--|---|---|----------|

**United States Street Lighting Company.**

|  |         |
|--|---------|
| Received from United States Street Light-<br>ing Company forfeiture of contract,<br>as per item No. 44 of receipts . . . . | \$85 09 |
|--|---------|

**Water Meters and Service Pipe.**

|   |            |
|---|------------|
| Received from sundry persons for meters, .<br>service pipe, etc., as per item No. 46 of<br>receipts . . . . . | \$5,879 38 |
|---|------------|

**Water Rates.**

|  |             |
|--|-------------|
| Received from sundry persons for use of<br>water in 1884, by schedule rates, as<br>per item No. 47 of receipts . . . . . | \$31,524 66 |
|--|-------------|

**Water Rates by Meters.**

|  |             |
|--|-------------|
| Received from sundry persons for use of<br>water in 1884, by meters, as per item<br>No. 48 of receipts . . . . . | \$16,244 96 |
|--|-------------|

---

**STATEMENT IN DETAIL OF EXPENSES, WITH APPROPRIA-  
TIONS, TRANSFERS AND BALANCES.**

**Alms-house Expenses and Repairs.**

|  |                                   |
|--|-----------------------------------|
| Appropriation . . . . .                          | \$4,500 00                        |
| N. D. Moody, services as warden . . . . .        | \$600 00                          |
| N. D. Moody, sundry cash pay-<br>ments . . . . . | 222 21                            |
| <i>Amounts carried forward</i> . . . . .         | <u>\$822 21</u> <u>\$4,500 00</u> |

|  |                   |                   |
|--|-------------------|-------------------|
| <i>Amounts brought forward</i>                         | \$822 21          | \$4,500 00        |
| Nathaniel Bright, services at alms-<br>house . . . . . | 156 60            |                   |
| Emma A. Bright, services at alms-<br>house . . . . .   | 106 80            |                   |
| Katie T. McNeil, services at alms-<br>house . . . . .  | 125 57            |                   |
| Allen Young, services at almshouse                     | 42 60             |                   |
| Maggie Young, services at alms-<br>house . . . . .     | 30 45             |                   |
| Cecelia Derling, services at alms-<br>house . . . . .  | 27 00             |                   |
| Lizzie Crompton, services at alms-<br>house . . . . .  | 11 15             |                   |
| Highway department for manure                          | 276 00            |                   |
| Water department, use of water                         | 80 00             |                   |
| C. F. Eddy & Co., coal . . . . .                       | 202 20            |                   |
| H. W. Spurr & Co., groceries . . . . .                 | 250 94            |                   |
| Crocker and Eldredge, groceries . . . . .              | 256 30            |                   |
| H. A. Sherman, groceries . . . . .                     | 69 41             |                   |
| B. B. Vassall, groceries . . . . .                     | 7 75              |                   |
| H. B. Coffin, groceries . . . . .                      | 4 50              |                   |
| H. E. Woodberry, groceries . . . . .                   | 2 50              |                   |
| Hall and Lowe, provisions . . . . .                    | 159 83            |                   |
| George Bleiler, provisions . . . . .                   | 31 15             |                   |
| Edward Fisher, provisions . . . . .                    | 23 16             |                   |
| W. Henry Brackett, provisions . . . . .                | 15 13             |                   |
| Pope and Viles, provisions . . . . .                   | 2 07              |                   |
| Frank Linnell, fish and oysters . . . . .              | 81 58             |                   |
| E Smead & Co., grain . . . . .                         | 91 71             |                   |
| W. H. Mague, house-offal . . . . .                     | 112 50            |                   |
| George H. Ellis, ice . . . . .                         | 34 35             |                   |
| <i>Amounts carried forward,</i>                        | <u>\$3,023 46</u> | <u>\$4,500 00</u> |



|  |           |            |            |
|--|-----------|------------|------------|
| <i>Amounts brought forward,</i>          | .         | \$3,023 46 | \$4,500 00 |
| Dr. James Utley, medical atten-          |           |            |            |
| ance                                     | . . . . . | 63 00      |            |
| Dr. F. E. Crockett                       | . . . . . | 2 00       |            |
| J. L. Sears, painting buildings          | . . . . . | 113 83     |            |
| J. F. C. Hyde, wood at auction           | . . . . . | 69 00      |            |
| Thomas Fortune, wood                     | . . . . . | 47 00      |            |
| Charles F. Rand, premium on in-          |           |            |            |
| surance                                  | . . . . . | 56 25      |            |
| M. E. Church, rent of pew                | . . . . . | 30 00      |            |
| Daniel Condrin, wood at auction          | . . . . . | 25 00      |            |
| A. James, Crackers                       | . . . . . | 42 08      |            |
| Everett E. Moody, supplies               | . . . . . | 229 11     |            |
| O. F. Lucas, supplies                    | . . . . . | 36 04      |            |
| G. F. Swift & Co., supplies              | . . . . . | 10 27      |            |
| John Wales & Co., supplies               | . . . . . | 8 00       |            |
| Francis Murdock & Co., supplies          | . . . . . | 7 05       |            |
| Leonard Hefflon, supplies                | . . . . . | 5 83       |            |
| Ames Plow Co., Mower, Plow, etc.,        | . . . . . | 76 60      |            |
| S. J. Smith, repairing lightning rod     | . . . . . | 35 00      |            |
| A. W. Ward, blacksmithing, etc.,         | . . . . . | 45 00      |            |
| John McDonald, blacksmithing, etc.,      | . . . . . | 19 10      |            |
| J. McFaden, blacksmithing, etc.,         | . . . . . | 6 90       |            |
| J. Pulsifer, blacksmithing, etc.,        | . . . . . | 6 45       |            |
| Charles H. Daniels, blacksmithing, etc., | . . . . . | 5 58       |            |
| Thomas Belger, blacksmithing, etc.,      | . . . . . | 4 92       |            |
| Charles A. Cole, blacksmithing, etc.,    | . . . . . | 3 25       |            |
| George H. Gregg, services as undertaker  | . . . . . | 18 50      |            |
| F. W. Freeman, medicines                 | . . . . . | 25 67      |            |
| A. Pillsbury, Jr., medicines             | . . . . . | 2 40       |            |
| E. C. Holmes & Co., supplies             | . . . . . | 28 62      |            |
| E. & F. King, supplies                   | . . . . . | 7 26       |            |
| <i>Amounts carried forward,</i>          | .         | \$4,063 17 | \$4,500 00 |



|  |   |   |            |                |
|--|---|---|------------|----------------|
| <i>Amounts brought forward</i>               | . | . | \$4,063 17 | \$4,500 00     |
| Francis Buttrick, lumber                     | . | . | 8 95       |                |
| Clark Man'f. Co., horse covers               | . | . | 6 00       |                |
| Nonantum Stables, use of teams,              | . | . | 4 00       |                |
| George W. Bush, use of teams                 | . | . | 2 50       |                |
| R. O. Evans, material and labor              | . | . | 12 93      |                |
| J. H. Cushman, material and labor            | . | . | 8 32       |                |
| John Monigan, material and labor             | . | . | 8 00       |                |
| Milo Lucas material and labor                | . | . | 5 82       |                |
| Walworth Man'f. Co., material and labor      | . | . | 4 55       |                |
| H. H. Hunt, material and labor               | . | . | 4 09       |                |
| C. S. Phillips, material and labor           | . | . | 2 00       |                |
|  |   |   |            | <hr/>          |
| Total, as per item No. 1 of expenses         | . | . | 4,120 33   |                |
| Balance unexpended transferred into treasury |   |   |            | <hr/> \$379 67 |

#### Armory Rent and Expenses.

|  |   |   |   |   |   |   |               |
|--|---|---|---|---|---|---|---------------|
| Appropriation                                      | . | . | . | . | . | . | \$1,100 00    |
| O. W. Turner, rent of armory                       | . | . | . | . | . | . | \$350 00      |
| C. W. Turner, rent of armory                       | . | . | . | . | . | . | 250 00        |
| B. S. Wetherbee, janitor                           | . | . | . | . | . | . | 250 00        |
| N. and W. Gas Light Co., gas                       | . | . | . | . | . | . | 108 95        |
| George F. Kimball, rent of land for<br>rifle range | . | . | . | . | . | . | 50 00         |
| Edward Pike, plumbing                              | . | . | . | . | . | . | 21 15         |
| Water department, use of water                     | . | . | . | . | . | . | 16 00         |
| Albert Brackett, coal                              | . | . | . | . | . | . | 4 11          |
| Stephen F. Cate, use of team                       | . | . | . | . | . | . | 2 00          |
|  |   |   |   |   |   |   | <hr/>         |
| Total as per item No. 2 of expenses                | . | . | . | . | . | . | \$1,052 21    |
| Balance unexpended, transferred into treasury.     |   |   |   |   |   |   | <hr/> \$47 79 |

**Auburndale (Williams) Schoolhouse.**

|  |             |
|--|-------------|
| Special appropriation . . . . .            | \$35,000 00 |
| Expended in 1883 as per Auditor's Report . | 18,513 36   |
|  | <hr/>       |
|  | \$16,486 64 |

|  |           |
|--|-----------|
| William H. Stewart, amount paid          |           |
| on account of contract . . . . .         | 10,008 21 |
| Walworth Manufacturing Co.,              |           |
| amount paid on account of                |           |
| contract . . . . .                       | 3,922 54  |
| John E. Coleman, amount paid on          |           |
| account of contract . . . . .            | 1,202 23  |
| J. Foster Ober, services as architect    | 650 00    |
| James Ford, extra painting . . . . .     | 256 00    |
| Edwin Rogers, fire alarm box . . . . .   | 125 00    |
| H. M. Darling & Co, supplies . . . . .   | 75 81     |
| H. H. Hunt, material and labor . . . . . | 74 08     |
| Pay-roll of laborers, labor . . . . .    | 64 63     |
| Dugan & Rutherford, cutting stone        | 22 50     |
| N. and W. Gas Light Co., gas, . . . . .  | 21 00     |
|  | <hr/>     |

Total as per item No. 3 of expenses . . . \$16,422 00

**Books, Stationery and Printing.**

|   |            |
|---|------------|
| Appropriation . . . . .                   | \$2,600 00 |
| Rand, Avery & Co., printing Au-           |            |
| ditor's Report, etc. . . . .              | \$804 50   |
| George H. Pratt, printing and ad-         |            |
| vertising . . . . .                       | 327 41     |
| The Newton Transcript Publish-            |            |
| ing Co., printing and adver-              |            |
| tising . . . . .                          | 166 13     |
|   | <hr/>      |
| <i>Amounts carried forward,</i> . . . . . | \$1,298 04 |
|   | <hr/>      |
|   | \$2,600 00 |

|  |                   |                   |
|--|-------------------|-------------------|
| <i>Amounts brought forward,</i>                                      | \$1,298 04        | \$2,600 00        |
| The Newton Graphic, printing<br>and advertising . . . . .            | 107 50            |                   |
| Fanning Printing Co., printing,<br>etc. . . . .                      | 238 22            |                   |
| A. Mudge & Son, printing Mayor's<br>Address . . . . .                | 50 00             |                   |
| J. W. Pitman & Son, postal cards<br>and printing . . . . .           | 18 50             |                   |
| F. D. Graves, printing . . . . .                                     | 16 25             |                   |
| Pulsifer, Jordan & Wilson, print-<br>ing . . . . .                   | 13 00             |                   |
| P. T. Bartlett, printing . . . . .                                   | 12 00             |                   |
| George M. Bridges, printing . . . . .                                | 8 65              |                   |
| Rockwell & Churchill, printing . . . . .                             | 5 75              |                   |
| Charles H. Stacy, stamped envel-<br>opes, etc. . . . .               | 191 02            |                   |
| Stedman & Brown, National At-<br>lases . . . . .                     | 36 00             |                   |
| J. Q. Fuller, Boston Directories . . . . .                           | 30 00             |                   |
| Belknap & Co., rubber stamps . . . . .                               | 16 25             |                   |
| A. W. Mitchell, rubber stamps . . . . .                              | 9 00              |                   |
| H. C. Dimond, rubber stamps . . . . .                                | 6 80              |                   |
| Lockwood, Brooks & Co., Medi-<br>cal Directory . . . . .             | 6 00              |                   |
| M. Sanson, pens . . . . .  | 15 00             |                   |
| J. D. F. Brooks, binding books . . . . .                             | 13 35             |                   |
| I. F. Kingsbury, postage stamps . . . . .                            | 13 50             |                   |
| Boston Daily Advertiser, subscrip-<br>tion and advertising . . . . . | 19 25             |                   |
| Journal Newspaper Co., adver-<br>tising . . . . .                    | 8 50              |                   |
| <i>Amounts carried forward</i>                                       | <u>\$2,132 58</u> | <u>\$2,600 00</u> |

|   |            |            |
|---|------------|------------|
| <i>Amounts brought forward</i> .                | \$2,132 58 | \$2,600 00 |
| J. C. Clark Printing Co., blank books . . . . . | 16 87      |            |
| J. M. Whittemore & Co., letter scale . . . . .  | 5 75       |            |
| Newton Post Office, stamped envelopes . . . . . | 5 60       |            |
| Hooper, Lewis & Co., supplies .                 | 83 30      |            |
| Ward & Gay, supplies . .                        | 72 89      |            |
| A. R. Gay & Co., supplies . .                   | 63 52      |            |
| Samuel Hobbs & Co., supplies .                  | 48 25      |            |
| Thomas Groom & Co., supplies .                  | 32 50      |            |
| Carter, Rice & Co., supplies . .                | 28 25      |            |
| M. R. Warren, supplies . . .                    | 26 25      |            |
| George F. King & Merrill, supplies .            | 18 41      |            |
| Heliotype Printing Co., supplies .              | 17 00      |            |
| Winkley, Thorp & Dresser, supplies              | 13 72      |            |
| John A. Lowell & Co., supplies . •              | 10 00      |            |
| A. L. Shipman's Sons, supplies . .              | 5 40       |            |
| J. L. Fairbanks & Co., supplies .               | 2 75       |            |
| Carroll W. Clark, supplies . .                  | 85         |            |
| <hr/>   |            |            |
| Total as per item No. 4 of expenses . .         |            | \$2,583 89 |
| Balance unexpended, transferred into treasury   |            | \$16 11    |

#### Board of Health.

|  |          |            |
|--|----------|------------|
| Appropriation . . . . .                            |          | \$2,300 00 |
| Nathan Mosman, services as agent for the Board . . | 800 00   |            |
| Nathan Mosman, sundry cash expenses . . . . .      | 8 31     |            |
| <hr/>  |          |            |
| <i>Amounts carried forward,</i> .                  | \$808 31 | \$2,300 00 |

|  |          |            |
|--|----------|------------|
| <i>Amounts brought forward</i>   | \$808 31 | \$2,300 00 |
| William H. Mague, collecting house-offal . . . . .                       | 1,200 00 |            |
| Dr. Eben Thompson, professional services . . . . .                       | 29 75    |            |
| Dr. James Utley, professional services . . . . .                         | 28 00    |            |
| Dr. F. E. Crockett, professional services . . . . .                      | 6 00     |            |
| Dr. C. J. McCormack, professional services . . . . .                     | 4 00     |            |
| Est. of Dr. F. D. Lord, professional services . . . . .                  | 1 50     |            |
| Dr. D. E. Baker, professional services . . . . .                         | 1 50     |            |
| The Newton Transcript Publishing Co., printing and advertising . . . . . | 35 00    |            |
| George H. Pratt, printing and advertising . . . . .                      | 25 25    |            |
| The Newton Graphic, printing and advertising . . . . .                   | 12 50    |            |
| Fanning Printing Co., printing . . . . .                                 | 2 00     |            |
| John Watts & Co., supplies . . . . .                                     | 28 39    |            |
| J. W. Staniford, supplies . . . . .                                      | 8 48     |            |
| Smith, Doolittle and Smith, supplies . . . . .                           | 7 54     |            |
| W. A. Lamb, expenses for moving furniture . . . . .                      | 4 50     |            |
| Stephen F. Cate, use of team . . . . .                                   | 2 25     |            |
| W. B. Munroe, burying dog . . . . .                                      | 1 00     |            |
| Michael Manning, burying dog . . . . .                                   | 1 00     |            |
| Benjamin Perkins, burying dog . . . . .                                  | 50       |            |
| Total as per item No. 5 of expenses, . . . . .                           |          | \$2,207 47 |
| Balance unexpended, transferred into treasury                            |          | \$92 53    |



**Burial Grounds.**

|  |          |          |
|--|----------|----------|
| Appropriation . . . . .                                  | \$200 00 |          |
| Newton Cemetery Corporation,<br>material and labor . . . | 200 00   |          |
|  | <hr/>    |          |
| Total, as per item No. 6 of expenses . . .               |          | \$200 00 |

**Conveyance of Pupils.**

|  |          |          |
|--|----------|----------|
| Appropriation . . . . .  | \$650 00 |          |
| Transferred from appropriation for<br>industrial and mechanical draw-<br>ing . . . . . | 70 00    | 720 00   |
|  | <hr/>    |          |
| Henry A. Spear, . . . . .  | \$360 00 |          |
| F. B. Spear. . . . .   | 360 00   |          |
|  | <hr/>    |          |
| Total, as per item No. 7 of expenses, . . .  |          | \$720 00 |

**Curbing.**

|   |            |            |
|---|------------|------------|
| Appropriation . . . . .   | \$1,200 00 |            |
| Transferred from appropriation for<br>gravel land . . . . .             | 150 00     | \$1,350 00 |
|   | <hr/>      |            |
| Noah Prescott, curbstone . . . . .                                      | \$645 80   |            |
| John A. Kenrick, treasurer, paid for<br>labor, highway department . . . | 481 15     |            |
| Boston and Albany Railroad, freight, . . .                              | 191 20     |            |
|   | <hr/>      |            |
| Total, as per item No. 8 of expenses, . . .                             |            | 1,318 15   |
|   |            | <hr/>      |
| Balance unexpended, transferred into treasury,                          |            | \$31 85    |



**City Hall Expenses.**

|   |          |            |
|---|----------|------------|
| Appropriation . . . . .                                   |          | \$1,600 00 |
| N. & W. Gaslight Company, gas, .                          | \$616 73 |            |
| C. F. Eddy & Co., coal & wood, .                          | 344 37   |            |
| Albert Brackett, coal, . . .                              | 29 00    |            |
| Benj. F. Cutter, wood, . . .                              | 7 50     |            |
| J. D. Wellington, sundry cash ex-<br>penses, . . . . .    | 210 30   |            |
| H. H. Hunt, material and labor, .                         | 172 63   |            |
| Water department, use of water, .                         | 77 00    |            |
| W. H. French & Co., plumbing and<br>gasfitting, . . . . . | 33 77    |            |
| L. J. Kendall, ice, . . . . .                             | 30 00    |            |
| John & James Dobson, carpet .                             | 20 59    |            |
| Thomas Canfield, emptying cesspool                        | 12 00    |            |
| Joseph Zellar, repairing tables, .                        | 11 50    |            |
| George Fuller, lettering doors, .                         | 11 16    |            |
| Harwood Man'f Co., chairs, . .                            | 7 00     |            |
| S. C. Ayres, repairing clocks, . .                        | 5 50     |            |
| C. H. Jenison, expressage, . . .                          | 4 70     |            |
| C. Needham, painting, . . . .                             | 3 00     |            |
| C. F. Shourds & Co., featherduster                        | 2 75     |            |
| Lawrence, Wilde & Co., repairing<br>chair, . . . . .      | 1 00     |            |
| Total, as per item No. 9 of expenses, .                   |          | \$1,600 50 |
| Balance overdrawn, transferred into treasury,             |          | 50         |

**CITY ENGINEER'S DEPARTMENT.**

|   |                   |                   |
|---|-------------------|-------------------|
| Appropriation . . . . .                                 |                   | \$6,750 00        |
| Albert F. Noyes, services as city<br>engineer . . . . . | \$2,000 00        |                   |
| <i>Amounts carried forward .</i>                        | <i>\$2,000 00</i> | <i>\$6,750 00</i> |

|   |                   |                   |
|---|-------------------|-------------------|
| <i>Amounts brought forward</i> .  | \$2,000 00        | \$6,750 00        |
| Fred H. Barnes, services as assistant city engineer . . . .                       | 961 60            |                   |
| William S. French, services as assistant city engineer . . . .                    | 782 50            |                   |
| I. W. Hastings, services as assistant city engineer . . . .                       | 675 00            |                   |
| William P. Morse, services as assistant city engineer . . . .                     | 496 00            |                   |
| Arthur L. Woodruff, services as assistant city engineer . . . .                   | 377 83            |                   |
| Frank L. Preble, services as assistant city engineer . . . .                      | 247 80            |                   |
| Stephen Child, services as assistant city engineer . . . .                        | 87 54             |                   |
| Henry D. Woods, services as assistant city engineer' . . . .                      | 49 09             |                   |
| Solon M. Allis, clerical services .   | 138 00            |                   |
| Richard W. Sargent, clerical services   | 112 50            |                   |
| M. E. Noyes, clerical services . .  | 24 25             |                   |
| Joseph A. Simonds, clerical services  | 24 00             |                   |
| Arthur R. Coe, clerical services .  | 20 00             |                   |
| George E. Bridges, clerical services  | 13 20             |                   |
| Charles F. Parks, maps . . . .  | 17 50             |                   |
| William E. Barker, clerical services  | 12 00             |                   |
| H. P. Barber, clerical services .   | 11 00             |                   |
| Incidental repairs, travelling expenses, etc., of engineer and assistants . . . . | 228 20            |                   |
| David Jackson, exchange of horse  | 80 00             |                   |
| E. Smead & Co., grain . . . .   | 74 82             |                   |
| George E. Johnson, hay . . . .  | 58 19             |                   |
| <i>Amounts carried forward,</i> .   | <u>\$6,491 02</u> | <u>\$6,750 00</u> |

|  |              |            |
|--|--------------|------------|
| <i>Amounts brought forward,</i>                      | . \$6,491 02 | \$6,750 00 |
| Albert Brackett, hay . . .                           | 4 99         |            |
| Stephen F. Cate, use of teams .                      | 34 00        |            |
| Charles G. Tinkham, use of team                      | 1 00         |            |
| J. D. F. Brooks, binding books .                     | 16 20        |            |
| Buff & Berger, repairs . . .                         | 9 50         |            |
| C. H. Jenison, expressage . . .                      | 2 65         |            |
| A. W. Ward, material and labor .                     | 25 25        |            |
| D. J. O'Donnell, material and labor                  | 18 85        |            |
| P. A. McVicar, material and labor                    | 13 00        |            |
| Charles A. Cole, material and labor                  | 5 00         |            |
| J. B. Brown, material and labor .                    | 5 00         |            |
| Albert Anderson, material and la-<br>bor . . . . .   | 4 00         |            |
| William Pettigrew, material and la-<br>bor . . . . . | 1 60         |            |
| J. Carroll, material and labor .                     | 3 17         |            |
| Frost & Adams, supplies . . .                        | 66 52        |            |
| Chandler & Farquhar, supplies .                      | 31 56        |            |
| J. M. Poole, supplies . . . .                        | 12 65        |            |
| C. W. Morehouse, supplies . . .                      | 3 35         |            |
| A. W. Mitchell, supplies . . .                       | 1 10         |            |
| <hr/>  |              |            |
| Total, as per item No. 10 of expenses .              |              | \$6,750 41 |
| Balance overdrawn, transferred into treasury .       |              | <hr/> .41  |

#### Drains and Culverts.

|   |           |             |
|---|-----------|-------------|
| Appropriation . . . . .                                     | 12,000 00 |             |
| Transferred from appropriation for<br>gravel land . . . . . | 1,700 00  |             |
| <hr/>   |           |             |
| <i>Amounts carried forward</i>                              | . .       | \$13,700 00 |

|  |   |          |    |             |
|--|---|----------|----|-------------|
| <i>Amount brought forward</i>  | . | .        | .  | \$13,700 00 |
| Transferred from appropriation for<br>highways, widening, recon-<br>struction and improvements | . | 600      | 00 |             |
| Transferred from appropriation for<br>highways, general repairs                                | . | 500      | 00 |             |
|  |   |          |    | <hr/>       |
|  |   |          |    | \$14,800 00 |
| John A. Kenrick, treasurer, labor,<br>men and teams, highway de-<br>partment                   | . | \$8,609  | 79 |             |
| F. E. Hamblin, drain-pipe, etc.  | . | 2,402    | 86 |             |
| M. W. Sands, brick   | . | 1,052    | 79 |             |
| H. W. Clapp & Co, sewer-caps   | . | 525      | 52 |             |
| Waldo Brothers, cement   | . | 485      | 00 |             |
| A. K. Richmond, derrick rigging,<br>etc.   | . | 307      | 50 |             |
| George Dunbar & Co., 2 iron coal<br>tubs   | . | 150      | 00 |             |
| Fellows, Shaw & Raymond, rubber<br>boots   | . | 122      | 40 |             |
| Albert Brackett, coal  | . | 119      | 89 |             |
| Noah Prescott, covering-stone  | . | 101      | 60 |             |
| Trumbull & Cheney, use of pump   | . | 78       | 00 |             |
| J. C. Farrar, blacksmithing  | . | 76       | 77 |             |
| Murray & Farrell, blacksmithing  | . | 58       | 42 |             |
| Scott & Maher, blacksmithing   | . | 44       | 30 |             |
| N. Y. & N. E. Railroad, freight  | . | 72       | 00 |             |
| Boston & Albany Railroad, freight  | . | 59       | 71 |             |
| G. Fuller & Son, lumber  | . | 66       | 06 |             |
| F. Murphy, rubber boots  | . | 59       | 28 |             |
| Pettee Machine Works, castings,<br>etc.  | . | 51       | 04 |             |
|  |   |          |    | <hr/>       |
| <i>Amounts carried forward</i>   | . | \$14,442 | 93 | \$14,800 00 |

|  |               |             |
|--|---------------|-------------|
| <i>Amounts brought forward,</i>              | . \$14,442 93 | \$14,800 00 |
| Henry N. Stone, hose, etc.                   | . . 34 28     |             |
| Milo Lucas, stakes, etc.                     | . . 30 37     |             |
| R. J. Morrisey, material and labor           | . 25 15       |             |
| Stephen Holmes, material and labor           | 13 96         |             |
| John S. Sumner, material and labor           | 5 00          |             |
| W. E. Porter, material and labor             | 2 35          |             |
| George A. Goodyear, powder                   | . 15 00       |             |
| C. F. Eddy & Co, cement, etc.                | . 13 20       |             |
| Timothy Stuart, use of wagon                 | . 9 50        |             |
| Bagnall & Loud, block                        | . . 8 75      |             |
| A. S. Morse, spikes                          | . . 6 00      |             |
| J. Stearns, stone                            | . . 4 50      |             |
| Edson Manufacturing Co., supplies            | 59 85         |             |
| Dodge, Gilbert & Co., supplies               | 26 28         |             |
| Sewall & Day Cordage Co., supplies           | 11 83         |             |
| Dodge, Haley & Co., supplies                 | 2 28          |             |
| Thomas Keefe, supplies                       | . . 60        |             |
| <hr/>  |               |             |
| Total, as per item No. 11 of expenses        | . \$14,711 83 |             |
| Balance unexpended transferred into treasury |               | \$88 17     |

#### Evening Schools.

|                                  |             |                |
|----------------------------------|-------------|----------------|
| Appropriation                    | . . . . .   | \$650 00       |
| Transferred to appropriation for |             |                |
| school incidentals               | . . . . .   | 30 91          |
|                                  |             | <hr/>          |
|                                  |             | \$619 09       |
| Levi F. Warren, teacher          | . . \$45 00 |                |
| Langdon L. Ward, teacher         | . . 45 00   |                |
| Herbert E. Thayer, teacher       | . . 40 50   |                |
| Nellie P. Warren, teacher        | . . 67 50   |                |
|                                  |             | <hr/>          |
| <i>Amounts carried forward</i>   | . \$198 00  | <hr/> \$619 09 |



|  |     |          |          |
|--|-----|----------|----------|
| <i>Amounts brought forward</i>         | .   | \$198 00 | \$619 09 |
| Emma B. Wilkins teacher                | : . | 67 50    |          |
| Charlotte M. Wilkins teacher           | . . | 67 50    |          |
| Sarah M. Davis, teacher                | . . | 67 50    |          |
| Nellie B. Rand, teacher                | . . | 37 50    |          |
| Sharler Mathews, teacher               | . . | 21 00    |          |
| Sarah Hopkinson, teacher               | . . | 30 00    |          |
| Kate F. Mellish, teacher               | . . | 13 50    |          |
| Mary L. Woodburn, teacher              | . . | 4 50     |          |
| John McCammon, janitor                 | . . | 33 75    |          |
| N. & W. Gaslight Co., gas              | . . | 65 50    |          |
| Knight, Adams & Co., supplies          | . . | 11 84    |          |
| B. C. Kilbourne, posting notices       | . . | 1 00     |          |
| <hr/>                                  |     |          |          |
| Total, as per item No. 12 of expenses, | .   |          | \$619 09 |

#### Fire Department.

|  |              |             |
|--|--------------|-------------|
| Appropriation  | . . . . .    | \$24,000 00 |
| Henry L. Bixby, chief<br>of department                 | . \$1,400 00 |             |
| William Bemis, assist-<br>ant chief of depart-<br>ment | . . . 300 00 |             |
| <hr/>  |              | \$1,700 00  |

#### STEAMER NO. 1.

|   |            |            |             |
|---|------------|------------|-------------|
| F. E. Judkins, engineer                 | \$950 00   |            |             |
| H. C. Lindley, substi-<br>tute engineer | . 36 54    |            |             |
| F. H. Harrington, driver                | 750 00     |            |             |
| Martin Murphy, substi-<br>tute driver   | . . 28 84  |            |             |
| <hr/>                                   |            |            |             |
| <i>Am'ts carried forward,</i>           | \$1,765 38 | \$1,700 00 | \$24,000 00 |











|   |            |            |             |
|---|------------|------------|-------------|
| <i>Am'ts brought forward,</i>                                   | \$1,765 38 | \$1,700 00 | \$24,000 00 |
| H. C. Lindley, stoker .   | 95 84      |            |             |
| J. F. Horrigan, substitute<br>stoker . . .                      | 4 16       |            |             |
| F. D. Graves, foreman .   | 90 00      |            |             |
| C. W. H. Boulton, assis-<br>tant foreman and<br>secretary . . . | 75 00      |            |             |
| E. P. Bessie, assistant<br>foreman . . .                        | 25 00      |            |             |
| R. J. Morrisey, hoseman   | 70 00      |            |             |
| O. A. Chick, hoseman  | 70 00      |            |             |
| E. P. Leavitt, hoseman  | 70 00      |            |             |
| F. E. Liddell, hoseman  | 70 00      |            |             |
| N. R. Sylvester, hoseman  | 55 32      |            |             |
| John McCammon, hose-<br>man . . .                               | 43 75      |            |             |
| E. P. Burnham, hoseman  | 35 00      |            |             |
| Allen Spencer, hoseman  | 35 00      |            |             |
| E. W. Lyons, hoseman  | 35 00      |            |             |
| J. F. Horrigan, hoseman   | 14 58      |            |             |
|   |            | \$2,554 03 |             |

## STEAMER NO. 2.

|   |            |            |             |
|---|------------|------------|-------------|
| R. S. Cummings, engineer                  | \$950 00   |            |             |
| G. K. Stacy, substitute<br>engineer . . . | 36 54      |            |             |
| C. L. Berry, driver .                     | 750 00     |            |             |
| John Deary, substitute<br>driver . . .    | 28 84      |            |             |
| G. K. Stacy, stoker .                     | 95 84      |            |             |
| <i>Am'ts carried forward</i>              | \$1,861 22 | \$4,254 03 | \$24,000 00 |

|   |            |            |             |
|---|------------|------------|-------------|
| <i>Am'ts brought forward</i>                          | \$1,861 22 | \$4,254 03 | \$24,000 00 |
| George H. Haynes, foreman . . . .                     | 90 00      |            |             |
| F. H. Humphrey, assistant foreman and secretary . . . | 75 00      |            |             |
| J. Q. A. Hawkes, hoseman . . . .                      | 70 00      |            |             |
| W. F. Rand, hoseman .                                 | 70 00      |            |             |
| R. J. Riley, hoseman .                                | 70 00      |            |             |
| H. W. Nicholl, hoseman                                | 70 00      |            |             |
| C. M. Kibbe, hoseman .                                | 64 15      |            |             |
| J. P. Crosby, hoseman .                               | 61 24      |            |             |
| C. J. Crowley, hoseman .                              | 46 66      |            |             |
| F. T. Burgess, hoseman .                              | 46 66      |            |             |
| T. W. Alfred, hoseman .                               | 23 33      |            |             |
| A. F. A. G. Libbey, hoseman                           | 23 33      |            |             |
|   |            | \$2,571 59 |             |

## STEAMER NO. 3.

|   |            |            |             |
|---|------------|------------|-------------|
| A. D. Colby, engineer   | 950 00     |            |             |
| C. A. Peck, substitute engineer . . . .                         | 36 54      |            |             |
| A. C. Jewett, driver . .  | 625 00     |            |             |
| J. Deary, driver . . .  | 125 00     |            |             |
| J. Deary, substitute driver                                     | 84 20      |            |             |
| C. A. Peck, stoker . . .  | 100 00     |            |             |
| G. F. Richardson, foreman                                       | 22 50      |            |             |
| A. I. English, foreman, assistant foreman and secretary . . . . | 77 50      |            |             |
| <i>Am'ts carried forward</i>                                    | \$2,020 74 | \$6,825 62 | \$24,000 00 |



|   |            |            |             |
|---|------------|------------|-------------|
| <i>Am'ts brought forward</i>                            | \$2,020 74 | \$6,825 62 | \$24,000 00 |
| S. F. Chadbourne, assistant<br>foreman, secretary, etc. | 68 75      |            |             |
| C. B. Garey, hoseman .                                  | 64 17      |            |             |
| D. McDonald, hoseman .                                  | 64 17      |            |             |
| W. A. Thompson, hoseman                                 | 64 17      |            |             |
| C. J. Polley, hoseman .                                 | 64 17      |            |             |
| C. E. Thompson, hoseman .                               | 64 17      |            |             |
| T. R. Frost, hoseman .                                  | 17 50      |            |             |
| William Bliss, hoseman .                                | 17 50      |            |             |
|   | <hr/>      | \$2,445 34 |             |

## HOOK AND LADDER NO. 1.

|  |        |            |  |
|--|--------|------------|--|
| Charles Murphy, driver .                             | 750 00 |            |  |
| Martin Murphy, substitute<br>driver . . . .          | 28 84  |            |  |
| C. E. Perry, substitute<br>driver . . . .            | 4 12   |            |  |
| W. S. Higgins, foreman .                             | 90 00  |            |  |
| F. B. Sisson, assistant fore-<br>man and secretary . | 75 00  |            |  |
| J. H. Williams, ladderman .                          | 70 00  |            |  |
| H. J. Williams, ladderman                            | 70 00  |            |  |
| J. Beal, ladderman . . .                             | 70 00  |            |  |
| O. Dow, ladderman . . .                              | 70 00  |            |  |
| J. F. Horrigan, ladderman                            | 70 00  |            |  |
| U. H. Dyer, ladderman .                              | 70 00  |            |  |
| T. C. Nickerson, ladderman                           | 70 00  |            |  |
| J. B. Watt, ladderman .                              | 70 00  |            |  |
| C. E. Coleman, ladderman .                           | 70 00  |            |  |
| M. McLeod, ladderman .                               | 52 50  |            |  |
| Charles Quinn, ladderman .                           | 17 50  |            |  |
|  | <hr/>  | \$1,647 96 |  |

|                                 |   |             |             |
|---------------------------------|---|-------------|-------------|
| <i>Amounts carried forward,</i> | . | \$10,918 92 | \$24,000 00 |
|---------------------------------|---|-------------|-------------|

*Amounts brought forward* . \$10,918 92 \$24,000 00

HOSE COMPANY NO. 4.

|                           |          |
|---------------------------|----------|
| J. E. Watson, driver .    | \$500 00 |
| Martin Murphy, substitute |          |
| driver . . . . .          | 19 18    |
| E. C. Waterhouse, foreman | 90 00    |
| A. J. Wardless, assistant |          |
| foreman and secretary     | 50 00    |
| Daniel Archibald, hoseman | 70 00    |
| F. A. Dexter, hoseman .   | 46 67    |
| John Deary, hoseman .     | 43 74    |
| F. Lancaster, hoseman .   | 25 74    |
| A. J. Wardless, hoseman . | 23 32    |

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\$868 65

HOSE COMPANY NO. 5.

|                            |       |
|----------------------------|-------|
| William F. Soule, foreman  | 90 00 |
| J. F. Washburn, assistant  |       |
| foreman and secretary      | 75 00 |
| John Frost, hoseman .      | 70 00 |
| J. M. Taylor, hoseman .    | 70 00 |
| J. U. Kimball, hoseman .   | 49 58 |
| L. H. Spaulding, hoseman . | 20 41 |

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\$374 99

HOSE COMPANY NO. 6.

|                              |       |
|------------------------------|-------|
| Bernard Early, foreman .     | 90 00 |
| H. H. Miles, assistant fore- |       |
| man and secretary .          | 75 00 |
| D. J. Corcoran, hoseman .    | 70 00 |
| P. E. O'Neil, hoseman .      | 70 00 |

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*Am'ts carried forward,*    \$305 00    \$12,162 56    \$24,000 00

|                               |          |             |             |
|-------------------------------|----------|-------------|-------------|
| <i>Am'ts brought forward,</i> | \$305 00 | \$12,162 56 | \$24,000 00 |
| D. J. Cooney, hoseman .       | 70 00    |             |             |
| G. T. Clatworthy, hoseman     | 58 32    |             |             |
| T. E. Haley, hoseman .        | 11 67    |             |             |
|                               |          | 444 99      |             |

## HOSE COMPANY NO. 7.

|   |       |        |  |
|---|-------|--------|--|
| W. S. Cargill, foreman .                            | 90 00 |        |  |
| Harley A. Smith, assistant<br>foreman and secretary | 75 00 |        |  |
| J. E. Trowbridge, hoseman                           | 70 00 |        |  |
| J. T. Thomason, hoseman                             | 70 00 |        |  |
| C. E. Rand, hoseman .                               | 52 50 |        |  |
| G. H. Osborne, hoseman .                            | 46 67 |        |  |
| A. M. Fuller, hoseman ..                            | 23 33 |        |  |
| A. E. Estabrook, hoseman .                          | 17 50 |        |  |
|   |       | 445 00 |  |
| 14 firemen, extra services, July 4,                 | 42 00 |        |  |

**Repairs, Supplies, and Incidentals.**

|  |             |             |  |
|--|-------------|-------------|--|
| Whittier Machine Co., repairs on<br>Steamer No. 3, . . . | \$1,480 50  |             |  |
| Ryan Bros., use of steamer, 50 days                      | 50 00       |             |  |
| Abbot, Downing Co. hose-carriage                         | 625 00      |             |  |
| W. H. Thompson, exchange on horse                        | 275 00      |             |  |
| David Jackson, bay horse . .                             | 150 00      |             |  |
| J. D. Willis, bay mare . .                               | 150 00      |             |  |
| E. Smead & Co., grain . .                                | 1,311 42    |             |  |
| C. F. Eddy & Co., grain . .                              | 729 67      |             |  |
| Albert Brackett, grain . .                               | 225 00      |             |  |
| Taylor & Tupper, grain . .                               | 225 00      |             |  |
| <i>Amounts carried forward .</i>                         | \$18,316 14 | \$24,000 00 |  |

|  |             |             |
|--|-------------|-------------|
| <i>Amounts brought forward</i>                   | \$18,316 14 | \$24,000 00 |
| H. W. Crowell, grain                             | 219 99      |             |
| C. F. Eddy & Co., coal and wood                  | 505 58      |             |
| Albert Brackett, coal and wood                   | 350 21      |             |
| Hills, Bullens & Co., coal & wood                | 133 75      |             |
| Howard Snelling & Co., coal                      | 42 48       |             |
| N. & W. Gaslight Co., gas                        | 354 27      |             |
| Water department, use of water                   | 201 00      |             |
| H. L. Bixby, expenses to Chicago,<br>etc.,       | 90 50       |             |
| J. R. McLaughlin, attendance upon<br>sick horses | 98 00       |             |
| M. Bunker, attendance upon sick<br>horses        | 15 50       |             |
| G. W. Ulmer, use of horse                        | 77 00       |             |
| W. H. Mague, use of horse                        | 69 25       |             |
| S. L. Pratt, use of horse                        | 49 50       |             |
| P. Beecher, use of horse                         | 36 00       |             |
| J. O. Watson, use of horse                       | 33 26       |             |
| Nonantum stables, use of horse                   | 23 50       |             |
| Dennis Leahy, use of horse                       | 22 00       |             |
| George H. Ellis, use of horse                    | 21 00       |             |
| Timothy Stuart, use of horse                     | 15 75       |             |
| C. McBride, use of horse                         | 14 02       |             |
| B. McFaden, use of horse                         | 12 26       |             |
| John Joyce, use of horse                         | 7 00        |             |
| P. A. McVicar, blacksmithing, etc.               | 106 90      |             |
| Scott & Maher, blacksmithing, etc.               | 70 95       |             |
| J. C. Farrar, blacksmithing, etc.                | 35 20       |             |
| B. F. Barlow, blacksmithing, etc.                | 16 75       |             |
| Charles A. Cole, blacksmith-<br>ing, etc.        | 14 85       |             |
| <i>Amounts carried forward</i>                   | \$20,952 61 | \$24,000 00 |

|   |             |             |
|---|-------------|-------------|
| <i>Amounts brought forward,</i>                           | \$20,952 61 | \$24,800 00 |
| Murray & Farrell, blacksmithing, etc. . . . .             | 3 50        |             |
| A. W. Ward, blacksmithing, etc.                           | 3 30        |             |
| Mrs. William Bliss, laundry work                          | 43 20       |             |
| Charles Murphy, laundry work                              | 38 75       |             |
| F. H. Harrington, laundry work                            | 38 26       |             |
| Mary A. Crowley, laundry work                             | 30 51       |             |
| Mrs. Margaret Smith, laundry work . . . . .               | 27 00       |             |
| Waltham Steam Laundry, laundry work . . . . .             | 25 61       |             |
| Harley A. Smith, laundry work                             | 24 02       |             |
| Mrs. F. B. Reed, laundry work                             | 18 30       |             |
| Mrs. Thomas Purcill, laundry work                         | 16 11       |             |
| G. W. Gill & Co., laundry work                            | 4 50        |             |
| P. Y. Hoseason, material and labor . . . . .              | 54 00       |             |
| William Welch, material and labor . . . . .               | 45 15       |             |
| F. H. Humphrey, Agent, material and labor . . . . .       | 44 46       |             |
| J. Carroll, material and labor                            | 39 11       |             |
| D. W. Brownell, material and labor . . . . .              | 17 85       |             |
| E. W. Hodgson, material and labor . . . . .               | 11 65       |             |
| Dorchester Carriage Company, material and labor . . . . . | 10 00       |             |
| W. F. Rand, material and labor .                          | 10 00       |             |
| M. S. Hodgson, material and labor . . . . .               | 7 45        |             |
| <i>Amounts carried forward,</i>                           | \$21,465 34 | \$24,000 00 |



|  |                    |                    |
|--|--------------------|--------------------|
| <i>Amounts brought forward,</i>                          | \$21,465 34        | \$24,000 00        |
| R. J. Morrissey, material and labor                      | 6 00               |                    |
| D. F. Healy, material and labor                          | 5 50               |                    |
| George Fuller, material and labor                        | 5 25               |                    |
| Robbins & Healy, material and labor . . . . .            | 4 50               |                    |
| S. D. Hicks & Son, material and labor . . . . .          | 3 62               |                    |
| R. O. Evans, material and labor .                        | 3 85               |                    |
| J. H. Williams, material and labor                       | 3 00               |                    |
| Charles E. Berry, material and labor . . . . .           | 3 00               |                    |
| Cranitch & Horrigan, material and labor . . . . .        | 2 00               |                    |
| C. H. Jenison, expressage . .                            | 22 65              |                    |
| Eames Express, expressage . . .                          | 4 95               |                    |
| L. J. Kendall, ice . . . . .                             | 10 50              |                    |
| George H. Ellis, ice . . . . .                           | 7 50               |                    |
| Howard Brothers, ice . . . . .                           | 6 30               |                    |
| American Fire Hose Manufacturing Co., hose, etc. . . . . | 25 85              |                    |
| F. E. Jenison, soap . . . . .                            | 23 00              |                    |
| Pond & Co., soap . . . . .                               | 6 00               |                    |
| Leander Barber, brooms, . . . .                          | 17 75              |                    |
| E. Howard Watch and Clock Co., clock . . . . .           | 15 00              |                    |
| F. D. Graves, printing cards .                           | 12 00              |                    |
| H. M. Darling & Co., brushes .                           | 12 00              |                    |
| W. C. Smith, two pr. shaft pieces                        | 12 00              |                    |
| C. W. H. Moulton & Co, step ladders . . . . .            | 10 90              |                    |
| A. D. Colby, cash expenses on steamer . . . . .          | 9 40               |                    |
| <i>Amounts carried forward,</i>                          | <u>\$21,697 86</u> | <u>\$24,000 00</u> |



|  |             |             |
|--|-------------|-------------|
| <i>Amounts brought forward</i>                 | \$21,697 86 | \$24,000 00 |
| Boston Nickel Plating Co., plating             | 8 50        |             |
| W. H. Bustin, horse collar                     | 6 00        |             |
| J. F. Washburn, removing snow<br>from hydrants | 5 25        |             |
| J. L. Randall, removing snow<br>from hydrants  | 5 20        |             |
| T. W. Nickelson, wood                          | 5 00        |             |
| C. H. Spring, wood                             | 5 00        |             |
| Mrs. J. E. Watson, repairing coats             | 5 00        |             |
| Bernard Early, sundry cash ex-<br>penses       | 5 00        |             |
| Ames Plow Co., wheel jack                      | 3 60        |             |
| John Foley, care sick horse                    | 3 00        |             |
| John Grimes, carting ashes                     | 3 00        |             |
| Thomas O'Brien, watching fire                  | 3 00        |             |
| G. H. Osborn, watching fire                    | 2 00        |             |
| F. E. Judkins, springs                         | 2 60        |             |
| J. A. Bruce, oil                               | 2 25        |             |
| R. H. White & Co., supplies                    | 42 50       |             |
| Sabin & Page, supplies                         | 27 50       |             |
| Ordway, Kimball & Loring,<br>supplies          | 21 00       |             |
| G. E. & H. W. Badger, supplies                 | 20 00       |             |
| Peter Gray, supplies                           | 18 25       |             |
| George H. Ingraham, supplies                   | 17 25       |             |
| H. E. Woodbury, supplies                       | 13 60       |             |
| John J. Noble, supplies                        | 12 70       |             |
| W. P. Holden, supplies                         | 10 46       |             |
| Barber Bros., supplies                         | 9 74        |             |
| M. F. Whiton & Co., supplies                   | 8 31        |             |
| H. W. Wellington, supplies                     | 8 08        |             |
| <i>Amounts carried forward,</i>                | \$22,971 65 | \$24,000 00 |

|                                 |         |             |             |
|---------------------------------|---------|-------------|-------------|
| <i>Amounts brought forward,</i> | .       | \$21,971 65 | \$24,000 00 |
| J. E. Trowbridge, supplies      | .       | 8 05        |             |
| Gilman Bros., supplies          | . .     | 8 00        |             |
| W. O. Knapp & Co., supplies     | .       | 7 78        |             |
| H. B. Coffin, supplies          | . . .   | 7 25        |             |
| Joseph Lee, supplies            | . . .   | 7 00        |             |
| A. A. Savage, supplies          | . .     | 6 27        |             |
| C. O. Hooper, supplies          | . .     | 5 75        |             |
| C. F. Rogers, supplies          | . .     | 5 55        |             |
| C. W. Morehouse, supplies       | .       | 4 78        |             |
| Thayer and Stiles, supplies     | .       | 4 70        |             |
| I. H. Snow, supplies            | . . .   | 4 35        |             |
| Manchester Locomotive Works,    |         |             |             |
| supplies                        | . . . . | 3 65        |             |
| A. W. Snow, supplies            | . .     | 2 70        |             |
| Boynton and Marsh, supplies     | .       | 2 50        |             |
| Sundry small bills              | . . .   | 22 40       |             |
|                                 |         | <hr/>       |             |
|                                 |         | \$22,072 38 |             |

## FIRE ALARM TELEGRAPH.

|                               |            |             |             |
|-------------------------------|------------|-------------|-------------|
| G. W. Ulmer, fire-alarm       |            |             |             |
| telegraph operator            | \$585 81   |             |             |
| W. B. Randlett, fire-alarm    |            |             |             |
| telegraph operator            | 199 98     |             |             |
| A. C. Jewett, substitute      |            |             |             |
| fire-alarm telegraph          |            |             |             |
| operator                      | . .        | 125 00      |             |
| Edwin Rogers, two signal      |            |             |             |
| boxes, etc.,                  | . .        | 307 63      |             |
| C. F. Crehore & Son, fuel     |            |             |             |
| for fire-alarm whistle        | 112 50     |             |             |
|                               | <hr/>      | <hr/>       | <hr/>       |
| <i>Am'ts carried forward,</i> | \$1,330 92 | \$22,072 38 | \$24,000 00 |

|                               |            |             |             |            |             |             |
|-------------------------------|------------|-------------|-------------|------------|-------------|-------------|
| <i>Am'ts brought forward,</i> |            |             |             | \$1,330 92 | \$22,072 38 | \$24,000 00 |
| Abiel Pevey, vitriol and      |            |             |             |            |             |             |
| zincs . . . .                 | 104        | 22          |             |            |             |             |
| Edward E. Rice & Co.,         |            |             |             |            |             |             |
| vitriol . . . .               | 102        | 88          |             |            |             |             |
| Charles L. Bly, wire, etc.    | 72         | 15          |             |            |             |             |
| Washburn and Moen             |            |             |             |            |             |             |
| Manufacturing Co.,            |            |             |             |            |             |             |
| wire . . . .                  | 37         | 09          |             |            |             |             |
| Timothy Stuart, labor,        |            |             |             |            |             |             |
| men and teams .               | 22         | 58          |             |            |             |             |
| William Weir, use of          |            |             |             |            |             |             |
| teams . . . .                 | 3          | 50          |             |            |             |             |
| N. & W. Gaslight Co., gas     | 14         | 91          |             |            |             |             |
| Hills, Bullens & Co., coal    | 13         | 50          |             |            |             |             |
| Charles Dolan, labor          | 68         | 25          |             |            |             |             |
| John McCarty, labor, .        | 49         | 88          |             |            |             |             |
| John Kelly, labor . .         | 32         | 38          |             |            |             |             |
| Edward Kelly, labor .         | 25         | 38          |             |            |             |             |
| C. J. Crowley, labor .        | 19         | 00          |             |            |             |             |
| Thomas Foran, labor .         | 7          | 00          |             |            |             |             |
| L. Cameron, labor . .         | 3          | 00          |             |            |             |             |
| John Foley, labor . .         | 2          | 75          |             |            |             |             |
| S. D. Garey, material and     |            |             |             |            |             |             |
| labor . . . .                 | 29         | 07          |             |            |             |             |
| M. G. Crane, material         |            |             |             |            |             |             |
| and labor . . . .             | 24         | 88          |             |            |             |             |
| Higgins & Nickerson,          |            |             |             |            |             |             |
| material and labor .          | 17         | 25          |             |            |             |             |
| C. E. Beck, material and      |            |             |             |            |             |             |
| labor . . . .                 | 15         | 00          |             |            |             |             |
| <i>Am'ts carried forward</i>  | \$1,995 59 | \$22,072 38 | \$24,000 00 |            |             |             |

|   |            |             |                |
|---|------------|-------------|----------------|
| <i>Am'ts brought forward,</i>                 | \$1,995 59 | \$22,072 38 | \$24,000 00    |
| H. H. Hunt, material and<br>labor . . .       | 15 00      |             |                |
| J. C. Farrar, material and<br>labor . . .     | 13 57      |             |                |
| F. H. Humphrey, agent<br>material and labor   | 12 26      |             |                |
| Isaac Smith, material<br>and labor. . .       | 13 00      |             |                |
| V. Haffermehl, material<br>and labor . . .    | 10 50      |             |                |
| C. A. Cole, material and<br>labor . . .       | 10 50      |             |                |
| Milo Lucas, material and<br>labor . . .       | 10 00      |             |                |
| George Fuller, material<br>and labor . . .    | 9 15       |             |                |
| C. S. Phillips, material<br>and labor . . .   | 5 95       |             |                |
| J. H. Bunnell, material<br>and labor . . .    | 5 60       |             |                |
| D. W. Brownell, material<br>and labor . . .   | 3 40       |             |                |
| Barber Bros., supplies .                      | 12 35      |             |                |
| Walworth Man'f. Co.,<br>supplies . . .        | 11 90      |             |                |
| H. M. Darling & Co.,<br>supplies . . .        | 11 00      |             |                |
| H. L. Bixby, cash for<br>labor . . .          | 2 00       |             |                |
| Sundry small bills .                          | 8 05       |             |                |
|   | <hr/>      | \$2,149 82  |                |
| Total, as per item No. 13 of expenses,        |            |             | \$24,222 20    |
| Balance overdrawn, transferred into treasury, |            |             | <hr/> \$220 20 |

**Funded Debt.**

|  |             |
|--|-------------|
| Paid to City Institution for Savings, Lowell,<br>town of Newton, note 6 per cent., due Oct.<br>3, as per item No. 14 of expenses . . . | \$20,000 00 |
|--|-------------|

**Gravel Land.**

|   |            |
|---|------------|
| Appropriation . . . . .                                       | \$3,000 00 |
| Transferred to appropriation for<br>drains and culverts . . . | \$1,700 00 |
| Transferred to appropriation for<br>sidewalks . . . . .       | 800 00     |
| Transferred to appropriation for<br>curbing . . . . .         | 150 00     |
|   | <hr/>      |
|   | \$2,650 00 |
|   | <hr/>      |
|   | \$350 00   |
| Patrick Colman, gravel . . .                                  | \$146 30   |
| Mrs. Mary A. P. Dresser, gravel . . .                         | 71 61      |
| F. E. Hamblin, sand . . . . .                                 | 50 25      |
| G. K. & J. Ward, gravel . . . . .                             | 42 00      |
| W. C. Wiswall, gravel . . . . .                               | 16 50      |
| Patrick Shea, gravel . . . . .                                | 10 20      |
| Patrick Ryan, gravel . . . . .                                | 8 50       |
|   | <hr/>      |
| Total, as per item No. 15 of expenses . . .                   | 345 36     |
|   | <hr/>      |
| Balance unexpended, transferred into treasury                 | \$4 64     |



**Highways, General Repairs.**

|   |             |             |
|---|-------------|-------------|
| Appropriation . . . . .   | \$45,000 00 |             |
| Transferred from widening, reconstruction and improvements,<br>by order of City Council . . . . . | 4,800 00    |             |
| Transferred from miscellaneous expenses,<br>by order of City Council . . . . .                    | 450 00      |             |
|   |             | <hr/>       |
|   |             | \$50,250 00 |
| Transferred to appropriation for drains and culverts, by order<br>of City Council . . . . .       |             | \$500 00    |
|   |             | <hr/>       |
|   |             | \$49,750 00 |
| William E. Fuller, superintendent<br>of streets . . . . .   | 1,500 00    |             |
| William E. Fuller, sundry cash<br>expenses . . . . .  | 14 01       |             |
| John J. Ware, assistant superintendent<br>of streets . . . . .                                    | 863 50      |             |
| John A. Peck, assistant superintendent<br>of streets . . . . .                                    | 863 50      |             |
| George E. Stuart, assistant superintendent<br>of streets . . . . .                                | 1,027 00    |             |
| Samuel M. Jackson, assistant superintendent<br>of streets . . . . .                               | 94 33       |             |
| John A. Kenrick, treasurer,<br>amount paid laborers on discharged tickets . . . . .               | 3,876 04    |             |
| John A. Kenrick, treasurer,<br>amount paid laborers upon highways, as per pay-rolls . . . . .     | 25,814 16   |             |
|   | <hr/>       | <hr/>       |
| <i>Amounts carried forward</i> . . . . .  | \$34,052 54 | \$49,750 00 |



|  |               |             |
|--|---------------|-------------|
| <i>Amounts brought forward,</i>                        | . \$34,052 54 | \$49,750 00 |
| Albert Brackett, grain, etc. . .                       | 1,142 21      |             |
| C. F. Eddy & Co., grain, etc. . .                      | 553 05        |             |
| H. W. Crowell, grain, etc. . .                         | 337 28        |             |
| E. Smead & Co., grain, etc. . .                        | 320 51        |             |
| Taylor & Tupper, grain, etc. . .                       | 293 83        |             |
| George E. Johnson, grain, etc. . .                     | 117 01        |             |
| W. H. Thompson, hay . . .                              | 178 86        |             |
| H. B. Braman, hay . . .                                | 166 77        |             |
| N. B. Douglass, hay . . .                              | 156 17        |             |
| S. Stickney, hay . . .                                 | 124 50        |             |
| F. A. Collins, hay . . .                               | 105 00        |             |
| J. Connell, hay . . .                                  | 79 52         |             |
| M. C. Morrill, hay . . .                               | 52 60         |             |
| George D. Dix, hay . . .                               | 42 04         |             |
| L. C. Tolman, hay . . .                                | 16 70         |             |
| Cousens Bros., hay, etc.. . .                          | 110 98        |             |
| Alms-house department, hay and<br>straw . . . . .      | 140 11        |             |
| William Dix, hay and straw . . .                       | 85 68         |             |
| Conrad Decker, hay and straw . .                       | 82 11         |             |
| J. Stearns, straw . . . . .                            | 41 09         |             |
| William Stearns, straw. . . . .                        | 36 49         |             |
| John McAllister, straw . . . . .                       | 26 31         |             |
| Lewis Hurd, straw . . . . .                            | 23 39         |             |
| Leonard Hurd, straw . . . . .                          | 19 58         |             |
| G. Maynard, carting hay . . . .                        | 14 20         |             |
| David Jackson, horses . . . . .                        | 890 00        |             |
| W. H. Thompson, exchange of horses                     | 75 00         |             |
| Dr. J. R. McLaughlin, care of sick<br>horses . . . . . | 133 00        |             |
| Dr. M. Bunker, care of sick horses                     | 5 00          |             |
| <i>Amounts carried forward</i> . . .                   | \$39,421 53   | \$49,750 00 |

|  |             |             |
|--|-------------|-------------|
| <i>Amounts brought forward,</i>                            | \$39,421 53 | \$49 750 00 |
| John J. Ware, use of horse and carriage . . . . .          | 200 00      |             |
| John Pulcifer, carts, etc., . . . .                        | 392 48      |             |
| Farrell Foundry & Machine Co.,<br>crusher plates . . . . . | 254 89      |             |
| N. & W. Gaslight Co., gas, etc., .                         | 203 95      |             |
| Water department, use of water .                           | 144 50      |             |
| G Fuller & Son, lumber . . . . .                           | 118 10      |             |
| Simpson Bros. concreting . . . . .                         | 84 53       |             |
| Ames Plow Co., tools, etc., . . . .                        | 80 13       |             |
| Rockwell & Mosely, powder and fuse                         | 79 50       |             |
| George A. Goodyear, powder and<br>fuse . . . . .           | 74 64       |             |
| Vacuum Oil Co., oil, etc., . . . . .                       | 54 90       |             |
| John Mulliken & Co, oil, etc., . . .                       | 39 35       |             |
| Leonard & Ellis, oil, etc., . . . . .                      | 12 50       |             |
| J. A. Bruce, oil, . . . . .                                | 3 00        |             |
| B. & A. Railroad, freight . . . . .                        | 42 10       |             |
| W. H. Bustin, horse collars . . . . .                      | 42 00       |             |
| W. L. Dudley, currycombs and<br>brushes . . . . .          | 27 00       |             |
| G. W. Bush, use of teams . . . . .                         | 38 50       |             |
| S F. Cate, use of teams . . . . .                          | 23 50       |             |
| Nonantum Stables, use of teams                             | 22 00       |             |
| S. P. Whitman, agent, use of teams                         | 16 00       |             |
| W. H. Mague, use of teams . . . . .                        | 9 00        |             |
| C. G. Tinkham use of teams . . . . .                       | 3 00        |             |
| Timothy Stuart, labor, men and teams                       | 42 88       |             |
| B. McFaden, labor, men and teams .                         | 15 75       |             |
| John Joyce, labor, men and teams                           | 9 92        |             |
| F. N. Woodward, labor, men and teams                       | 8 75        |             |
| <i>Am'ts carried forward,</i> . . . . .                    | \$41,464 40 | \$49,750 00 |

|   |                   |             |
|---|-------------------|-------------|
| <i>Amounts brought forward</i>                                  | \$41,464 40       | \$49,750 00 |
| Dennis Leahy, labor men and teams                               | 3 50              |             |
| H. M. Darling & Co., brushes, etc.,                             | 28 00             |             |
| Benjamin Bourne, sods, etc. .                                   | 21 60             |             |
| J. H. Whitney, wood . . .                                       | 22 40             |             |
| Hills, Bullens & Co., coal . .                                  | 10 84             |             |
| Trowbridge and Hill, coal . .                                   | 10 44             |             |
| T. W. Nickelson, coal . . .                                     | 9 75              |             |
| George Warren & Co., coal . .                                   | 6 25              |             |
| C. H. Jenison, expressage . .                                   | 19 20             |             |
| C. H. Hurd, expressage . .                                      | 14 15             |             |
| Eames' Express, expressage . .                                  | 4 00              |             |
| J. L. Knox, stone post . . .                                    | 17 00             |             |
| Leander Barber, brooms . .                                      | 15 50             |             |
| Dr. R. A. Reid, attendance upon<br>J. Galpin . . . . .          | 15 00             |             |
| Drs. O. E. and W. O. Hunt, attend-<br>ance upon M. Dwyer . . .  | 5 00              |             |
| Butchers' Slaughtering and Melting<br>Association, tallow . . . | 11 50             |             |
| Quincy Harrington, filing saws .                                | 7 00              |             |
| P. Carbry, filing saws . . .                                    | 3 00              |             |
| Joseph Breck and Son, hay cutter                                | 6 80              |             |
| F. H. Harrington, clipping horses                               | 6 00              |             |
| Gilkey and Stone, lumber . . .                                  | 6 48              |             |
| Thomas B. Adams & Co., leather<br>lace . . . . .                | 4 00              |             |
| The Ashcroft Manufacturing Co.,<br>repairing valve . . . . .    | 3 50              |             |
| J. L. and R. H. McLaughlin, can-<br>vas . . . . .               | 15 92             |             |
| Haskins and Montigue, canvas .                                  | 3 36              |             |
| <i>Amounts carried forward,</i>                                 | <hr/> \$41,734 59 | \$49,750 00 |

|                                     |             |             |
|-------------------------------------|-------------|-------------|
| <i>Amounts brought forward,</i>     | \$41,734 59 | \$49,750 00 |
| J. N. Danforth, horse salve         | 3 00        |             |
| T. P. Emerson, expressage           | 2 41        |             |
| C. W. H. Moulton & Co., ladder      | 2 25        |             |
| Henry Ross, paving stone            | 2 00        |             |
| George H. Pratt, printing           | 2 00        |             |
| Murray and Farrell, blacksmithing   | 823 15      |             |
| J. C. Farrar, blacksmithing         | 669 77      |             |
| Andrew Peters, blacksmithing        | 622 48      |             |
| Thomas Belger, blacksmithing        | 305 84      |             |
| Scott and Maher, blacksmithing      | 285 80      |             |
| Charles A. Cole, blacksmithing      | 255 89      |             |
| B. F. Barlow, blacksmithing         | 214 53      |             |
| P. A. McVicar, blacksmithing        | 176 66      |             |
| J. McFaden, blacksmithing           | 133 35      |             |
| Laue and McFaden, blacksmithing     | 79 94       |             |
| D. J. O'Donnell, blacksmithing      | 64 49       |             |
| Charles H. Daniels, blacksmithing   | 43 23       |             |
| McFaden & McDonald, blacksmithing   | 28 38       |             |
| A. Danforth, Agt., blacksmithing    | 19 23       |             |
| S. D. Keegan, blacksmithing         | 4 74        |             |
| S. D. Garey, material and labor     | 868 13      |             |
| J. Carroll, material and labor      | 272 64      |             |
| R. J. Morrissey, material and labor | 236 35      |             |
| Isaac Smith, material and labor     | 218 93      |             |
| T. F. Glennan, material and labor   | 137 25      |             |
| William Bemis, material and labor   | 66 30       |             |
| R. O. Evans, material and labor     | 62 69       |             |
| D. W. Brownell, material and labor  | 59 45       |             |
| W. L. Smith, material and labor     | 54 63       |             |
| Stephen Holmes, material and labor  | 50 94       |             |
| <i>Amounts carried forward,</i>     | \$47,450 10 | \$49,750 00 |



|   |                    |                    |
|---|--------------------|--------------------|
| <i>Amounts brought forward,</i>                     | \$47,450 10        | \$49,750 00        |
| William Petigrew, material and labor . . . . .      | 50 63              |                    |
| H. H. Hunt, material and labor .                    | 49 85              |                    |
| Pettee Machine Works, material and labor . . . . .  | 49 28              |                    |
| M. J. Mullhall, material and labor                  | 44 80              |                    |
| M. S. Hodgson, material and labor                   | 42 90              |                    |
| W. E. Porter, material and labor .                  | 38 50              |                    |
| P. Y. Hoseason, material and labor                  | 37 15              |                    |
| W. F. Lill, material and labor .                    | 36 00              |                    |
| Edward Pike, material and labor .                   | 36 00              |                    |
| E. W. Hodgson, material and labor                   | 29 10              |                    |
| C. S. Phillips, material and labor .                | 27 08              |                    |
| George S. Noden, material and labor . . . . .       | 26 98              |                    |
| Higgins and Nickerson, material and labor . . . . . | 26 90              |                    |
| Allen Jordan, material and labor .                  | 24 35              |                    |
| F. H. Humphrey, material and labor . . . . .        | 20 91              |                    |
| H. L. White, material and labor .                   | 19 25              |                    |
| A. J. Fiske & Co., material and labor . . . . .     | 18 54              |                    |
| William Welch, material and labor                   | 14 55              |                    |
| J. L. Sears, material and labor .                   | 13 45              |                    |
| A. J. Lill, material and labor .                    | 10 00              |                    |
| J. M. Burr, material and labor .                    | 9 61               |                    |
| W. H. French & Co., material and labor . . . . .    | 9 60               |                    |
| A. K. Richmond, material and labor . . . . .        | 8 75               |                    |
| <i>Amounts carried forward,</i>                     | <u>\$48,145 22</u> | <u>\$49,750 00</u> |

|   |             |             |
|---|-------------|-------------|
| <i>Amounts brought forward,</i>                     | \$48,145 22 | \$49,750 00 |
| Cranitch and Horrigan, material and labor . . . . . | 7 75        |             |
| A. W. Snow, material and labor . . . . .            | 5 85        |             |
| M. C. Higgins, material and labor . . . . .         | 5 07        |             |
| George Fuller, material and labor . . . . .         | 3 99        |             |
| T. J. Hartnett, material and labor . . . . .        | 3 82        |             |
| George B. Randall, material and labor . . . . .     | 3 00        |             |
| L. A. Gammons, material and labor . . . . .         | 2 95        |             |
| W. F. Rand, material and labor . . . . .            | 2 50        |             |
| Moses G. Crane, material and labor . . . . .        | 2 35        |             |
| Sabin and Page, supplies . . . . .                  | 134 50      |             |
| G. P. Atkins, supplies . . . . .                    | 79 05       |             |
| C. N. Thompson, supplies . . . . .                  | 68 60       |             |
| Barber Bros., supplies . . . . .                    | 60 80       |             |
| James Boyd, supplies . . . . .                      | 67 33       |             |
| B. F. Houghton, supplies . . . . .                  | 49 83       |             |
| C. W. Morehouse, supplies . . . . .                 | 38 14       |             |
| W. O. Knapp & Co., supplies . . . . .               | 37 86       |             |
| Thayer and Stiles, supplies . . . . .               | 28 07       |             |
| Isaac H. Snow, supplies . . . . .                   | 26 73       |             |
| Walworth Manufacturing Co., supplies . . . . .      | 24 68       |             |
| John S. Sumner, supplies . . . . .                  | 20 98       |             |
| Howe and French, supplies . . . . .                 | 20 00       |             |
| C. F. Rogers, supplies . . . . .                    | 19 72       |             |
| J. H. Roberts & Co., supplies . . . . .             | 16 31       |             |
| A. A. Savage, supplies . . . . .                    | 13 40       |             |
| H. W. Fanning & Son, supplies . . . . .             | 12 13       |             |
| O. B. Leavitt, supplies . . . . .                   | 11 60       |             |
| Bagnall and Loud, supplies . . . . .                | 10 25       |             |
| <i>Amounts carried forward,</i>                     | \$48,922 48 | \$49,750 00 |



|   |       |             |             |
|---|-------|-------------|-------------|
| <i>Amounts brought forward</i>                | .     | \$48,922 48 | \$49,750 00 |
| W. E. Johnson, supplies                       | . .   | 10 00       |             |
| J. E. Trowbridge, supplies                    | . .   | 7 14        |             |
| Thomas Hollis, supplies                       | . .   | 7 00        |             |
| B. Billings, supplies                         | . . . | 5 35        |             |
| J. W. Davis & Co., supplies                   | . .   | 5 08        |             |
| John J. Noble, supplies                       | . .   | 4 33        |             |
| Braman, Dow & Co., supplies                   | . .   | 3 60        |             |
| Edson Manufacturing Co., supplies             |       | 3 50        |             |
| W. Henry Brackett, supplies                   | . .   | 3 30        |             |
| Greenwood & Co., supplies                     | . .   | 2 52        |             |
| M. F. Whiton & Co., supplies                  | . .   | 2 32        |             |
| C. G. Phillips, supplies                      | . .   | 2 47        |             |
| Sundry small bills                            | . . . | 12 11       |             |
| Total, as per item No. 16 of expenses         |       | .           | 48,991 20   |
| Balance unexpended, transferred into treasury |       |             | \$758 80    |

#### Highways, Widening, Reconstruction, and Improvements.

|   |         |             |             |
|---|---------|-------------|-------------|
| Appropriation   | . . .   | \$19 000 00 |             |
| Transferred to appropriation for Highways                                     |         |             |             |
| general repairs   | . .     | \$4,800 00  |             |
| Transferred to appropriation for drains and culverts                          | . . .   | 600 00      |             |
|   |         | 5,400 00    |             |
|   |         |             | \$13,600 00 |
| John A. Kenrick, treasurer, amount paid for labor and teams, as per pay-rolls | . . . . | \$13,051 53 |             |
| <i>Amounts carried forward,</i>   | . .     | \$13,051 53 | \$13,600 00 |

|  |             |             |
|--|-------------|-------------|
| <i>Amounts brought forward</i>                                   | \$13,051 53 | \$13,600 00 |
| Simpson Bros., concreting .                                      | 206 36      |             |
| James Ford, on account of change<br>of grade, Lexington street . | 35 00       |             |
| George A. Goodyear, powder, etc.,                                | 31 75       |             |
| W. L. Smith, material and labor                                  | 52 56       |             |
| C. H. & A. F. Ireland, material and<br>labor . . . . .           | 26 00       |             |
| Milo Lucas, material and labor .                                 | 21 37       |             |
| Total, as per item No. 17 of expenses, .                         |             | 13,424 57   |
| Balance unexpended, transferred into treasury                    |             | \$175 43    |

#### William F. Hutchin.

|  |          |
|--|----------|
| Paid to Nathan Mosman, city almoner, for the support of Wm. F. Hutchin, as per item No. 18 of expenses . . . . . | \$569 39 |
|--|----------|

#### Improvement on Public Squares.

|  |                                     |
|--|-------------------------------------|
| Appropriation . . . . .  | \$2,000 00                          |
| Newton Cemetery Corporation, for<br>trees, labor, etc., on Farlow<br>Park . . . . .              | \$778 95                            |
| Newton Cemetery Corporation, for<br>trees, labor, etc., on Washing-<br>ton Park, . . . . .       | 148 87                              |
| Newton Cemetery Corporation, for<br>trees, labor, etc., for Centre<br>Green, Newton Centre . . . | 132 56                              |
| <i>Amounts carried forward .</i>   | <u>\$1,060 38</u> <u>\$2,000 00</u> |

|   |            |            |
|---|------------|------------|
| <i>Amounts brought forward,</i> .   | \$1,060 38 | \$2,000 00 |
| Newton Cemetery Corporation, for labor, etc., on land on Centre street . . . . .                          | 86 88      |            |
| Timothy Stuart, labor, men and teams, Farlow Park . . . .   | 309 85     |            |
| Water Department, service pipe, labor, etc., Farlow Park . .  | 167 85     |            |
| Newton and Watertown Gas Light Company, posts, lanterns, pipe, etc., Farlow Park . . . . .                | 151 01     |            |
| John A. Kenrick, treasurer, labor, men, and teams, (Highway Department) Farlow Park . .                   | 106 33     |            |
| Arthur Muldoon, labor, men and teams, Centre Green, etc. . .  | 75 00      |            |
| F. E. Hamblin, drain pipe, Farlow Park . . . . .  | 41 95      |            |
| Murray & Donahoe, labor on stone, Farlow Park . . . . .   | 24 00      |            |
| Fiske & Coleman, tile, Farlow Park . . . . .  | 15 00      |            |
| Charles F. Parks, copies of plan, Farlow Park . . . . .   | 15 00      |            |
| M. W. Sands, brick, Farlow Park .   | 13 20      |            |
| The Newton Transcript Publishing Company, printing lists of betterment assessments, Farlow Park . . . . . | 6 50       |            |
| Milo Lucas, stakes . . . . .  | 3 70       |            |
| C. H. Hurd, expressage, Farlow Park . . . . .   | 3 00       |            |
| C. W. Morehouse, supplies . . .   | 1 52       |            |
| Total, as per item No. 19 of expenses .   |            | \$2,081 17 |
| Balance overdrawn, transferred into treasury ,  |            | \$81 17    |

**Interest on City Loans, Temporary and Permanent.**

|  |             |             |
|--|-------------|-------------|
| Appropriation . . . . .                        |             | \$25,900 00 |
| Commonwealth of Massachusetts                  | \$11,410 00 |             |
| City Institution for Savings, Lowell           | 4,800 00    |             |
| Suffolk Savings Institution . .                | 2,596 88    |             |
| Municipal Bonds . . . . .                      | 1,700 00    |             |
| Richardson, Hill & Co. . . . .                 | 1,013 42    |             |
| Public Park Bonds . . . . .                    | 1,000 00    |             |
| Schoolhouse Notes . . . . .                    | 927 00      |             |
| New England Trust Co. . . . .                  | 651 10      |             |
| Mrs. E. L. Collins . . . . .                   | 54 21       |             |
| Kenrick Fund . . . . .                         | 52 20       |             |
|  |             | <hr/>       |
| Total, as per item No. 20 of expenses . .      |             | 24,204 81   |
|  |             | <hr/>       |
| Balance unexpended, transferred into treasury, |             | \$1,695 19  |

**Interest on Water Bonds.**

|  |             |             |
|--|-------------|-------------|
| Appropriation . . . . .                          |             | \$52,500 00 |
| National Bank of the Common-<br>wealth . . . . . | \$24,250 00 |             |
| National Bank of the Common-<br>wealth . . . . . | 2,000 00    |             |
| National Bank of the Common-<br>wealth . . . . . | 24,250 00   |             |
| National Bank of the Common-<br>wealth . . . . . | 2,000 00    |             |
|  |             | <hr/>       |
| Total, as per item No. 21 of expenses . .        |             | \$52,500 00 |

**Indigent Soldiers and Sailors.**

|                                    |          |            |
|------------------------------------|----------|------------|
| Appropriation . . . . .            |          | \$1,000 00 |
| Daniel Sullivan . . . . .          | 120 00   |            |
| Samuel Franklin . . . . .          | 96 00    |            |
|                                    |          | <hr/>      |
| <i>Amounts carried forward</i> . . | \$216 00 | \$1,000 00 |

|   |       |          |            |
|---|-------|----------|------------|
| <i>Amounts brought forward,</i>               | .     | \$216 00 | \$1,000 00 |
| Albert P. Bugbee                              | . . . | 96 00    |            |
| John N. Nichols                               | . . . | 96 00    |            |
| John F. Franklin                              | . . . | 96 00    |            |
| Rasselas W. Ireland                           | . . . | 88 00    |            |
| Levi Harrison                                 | . . . | 84 00    |            |
| Franklin D. Hill                              | . . . | 72 00    |            |
| James H. Lockley                              | . . . | 72 00    |            |
| John Curtin                                   | . . . | 48 00    |            |
| Samuel G. Toothachre                          | . . . | 40 00    |            |
| Patrick Carrigan                              | . . . | 32 00    |            |
|   |       | <hr/>    |            |
| Total, as per item No. 22 of expenses         | . . . |          | 940 00     |
|   |       |          | <hr/>      |
| Balance unexpended, transferred into treasury | .     |          | \$60 00    |

#### Industrial and Mechanical Drawing.

|  |              |          |
|--|--------------|----------|
| Appropriation  | . . . . .    | \$300 00 |
| Transferred to appropriation for<br>school incidentals   | . . \$230 00 |          |
| Transferred to appropriation for<br>conveyance of pupils | . . 70 00    |          |
|  |              | <hr/>    |
|  |              | \$300 00 |

#### Land Damages.

|  |              |            |
|--|--------------|------------|
| Appropriation  | . . . . .    | \$1,400 00 |
| Trustees of estate of John L. Roberts,<br>for land on Walnut street  | . \$1,000 00 |            |
| M. E. Church, material and labor<br>upon improvements on Bowers<br>street, and Newtonville avenue<br>in consideration for land | . 717 32     |            |
|  |              | <hr/>      |
| <i>Amounts carried forward,</i>  | . \$1,717 32 | \$1,400 00 |



|   |            |            |
|---|------------|------------|
| <i>Amounts brought forward,</i>                           | \$1,717 32 | \$1,400 00 |
| Mrs. H.E. Carpenter, land on Centre street . . . . .      | 350 00     |            |
| James Ford, change of grade of Lexington street . . . . . | 200 00     |            |
| Mrs. Fannie A. Keyes, land on Murray street . . . . .     | 165 93     |            |
| R. M. Pulsifer, land on Murray street                     | 65 51      |            |
| Total, as per item No. 24 of expenses, .                  |            | 2,498 76   |
| Balance overdrawn, transferred into treasury,             |            | \$1,098 76 |

#### Memorial Day.

|  |          |
|--|----------|
| Appropriation . . . . .                  | \$400 00 |
| Charles Ward Post No. 62 G. A. R.,       | \$400 00 |
| Total, as per item No. 25 of expenses, . | \$400 00 |

#### Miscellaneous Expenses.

|  |            |            |
|--|------------|------------|
| Appropriation . . . . .  | 10,000 00  |            |
| Transferred to appropriation for highways, general repairs, to pay for shoeing horses belonging to the Fire Department, by order of City Council . . . . . | 450 00     |            |
|  |            | \$9,550 00 |
| Water Department, use of water, watering streets . . . . .   | \$1,999 39 |            |
| Water Department, use of water, watering troughs . . . . .   | 800 00     |            |
| <i>Amounts carried forward,</i> .  | \$2,799 39 | \$9,550 00 |



|  |                  |                  |
|--|------------------|------------------|
| <i>Amounts brought forward</i>   | \$2,799 39       | \$9,550 00       |
| Water Department, use of water,<br>drinking-posts . . . . .                                    | 105 00           |                  |
| Timothy Stuart, watering streets,<br>Wards 1 and 7 . . . . .                                   | 795 00           |                  |
| W. H. Mague, watering streets,<br>Wards 3 and 4 . . . . .                                      | 765 00           |                  |
| John T. Hill, watering streets,<br>Ward 2 . . . . .  | 270 00           |                  |
| T. R. Frost, watering streets,<br>Ward 6 . . . . .   | 270 00           |                  |
| Newton Cemetery Corporation, for<br>receiving tomb, by order of<br>City Council . . . . .      | 1,000 00         |                  |
| New England Telephone and<br>Telegraph Company, rental of<br>instruments and service . . . . . | 523 46           |                  |
| W. S. Slocum, settlement of claims,<br>and legal expenses in suits . . . . .                   | 405 00           |                  |
| Peter Thacher, legal services, etc. . . . .  | 152 00           |                  |
| M. C. Laffie, serving warrants, etc. . . . .   | 288 09           |                  |
| R. M. Lucas, serving warrants, etc. . . . .  | 258 68           |                  |
| George H. Pratt, advertising tax<br>sale, warrants, etc. . . . .                               | 396 16           |                  |
| Fanning Printing Company, print-<br>ing, etc. . . . .  | 180 75           |                  |
| The Newton Graphic, printing and<br>advertising . . . . .                                      | 161 31           |                  |
| F. D. Graves, printing, etc. . . . .   | 79 40            |                  |
| G. M. Bridges, printing, etc. . . . .  | 45 02            |                  |
| Newton Transcript Publishing Co.<br>printing, etc. . . . .                                     | 31 00            |                  |
| Rand, Avery & Co., printing, etc. . . . .  | 7 00             |                  |
| <i>Amounts carried forward,</i>  | <hr/> \$8,532 26 | <hr/> \$9,550 00 |

|   |                    |                   |
|---|--------------------|-------------------|
| <i>Am'ts brought forward,</i>   | \$8,532 26         | \$9,550 00        |
| George E. Bridges, services collect-<br>ing accounts of births                      | 201 50             |                   |
| Newton Athænaum, aid for reading-<br>room   | 250 00             |                   |
| George H. Bourne, clerical services<br>in assessors and treasurer's<br>departments  | 248 00             |                   |
| George E. Bridges, salary, registrar<br>of voters                                   | 150 00             |                   |
| Isaac F. Kingsbury, salary, registrar<br>of voters                                  | 150 00             |                   |
| R. T. Sullivan, salary, registrar of<br>voters                                      | 150 00             |                   |
| George H. Bourne, salary, registrar<br>of voters                                    | 150 00             |                   |
| George E. Bridges, extra clerical<br>services in board of registration<br>of voters | 100 00             |                   |
| G. F. Morgan, abstract of deeds for<br>assessors                                    | 139 42             |                   |
| American Bank Note Co., changing<br>plate for bonds                                 | 130 00             |                   |
| Isaac F. Kingsbury, sundry cash<br>expenses in city clerk's depart-<br>ment         | 193 50             |                   |
| John A. Kenrick, sundry cash ex-<br>penses, in city treasurer's de-<br>partment     | 28 50              |                   |
| Benj. F. Otis, sundry cash expenses<br>in city auditor's department                 | 85 07              |                   |
| Isaac Hagar, sundry cash expenses<br>in assessors' department                       | 13 76              |                   |
| <i>Amounts carried forward,</i>   | <u>\$10,621 81</u> | <u>\$9,550 00</u> |

|   |                    |                   |
|---|--------------------|-------------------|
| <i>Amounts brought forward,</i>   | \$10,621 81        | \$9,550 00        |
| A. S. Glover, cash expenses for<br>common council . . . .                                 | 13 70              |                   |
| J. D. Wellington, sundry cash ex-<br>penses in city messenger's de-<br>partment . . . . . | 8 00               |                   |
| E. D. Brooks, trimming trees .  | 120 00             |                   |
| John Coffee, trimming trees .   | 39 38              |                   |
| Benj. McFaden, trimming trees .   | 21 88              |                   |
| Barney McFaden, trimming trees .  | 20 13              |                   |
| J. B. Beers & Co., atlas and maps   | 95 00              |                   |
| Samuel M. Jackson, use of horse<br>and carriage in assessing taxes                        | 80 00              |                   |
| William Weir, carriages, Memorial<br>Day . . . . .  | 72 00              |                   |
| J. J. Johnson, flowers, Memorial<br>Day . . . . .   | 23 40              |                   |
| The Ritchie Street Lighting Com-<br>pany, lighting streets one<br>month, in 1883 . . . .  | 74 44              |                   |
| J. N. Bacon, premium ins. on<br>public library, . . . .                                   | 50 00              |                   |
| Traders and Mechanics Ins. Co.,<br>ins. on public library . . .                           | 50 00              |                   |
| Boston Safe Deposit and Trust Co.<br>rent of box . . . . .                                | 40 00              |                   |
| H. C. Dimond & Co., stamps .  | 36 90              |                   |
| Weston Electric Co., instruments  | 25 00              |                   |
| Heirs of Andrew Cole, rent of<br>Cole's hall . . . . .                                    | 25 00              |                   |
| E. S. Farnsworth, rent of Tremont<br>hall . . . . .                                       | 20 00              |                   |
| <i>Amounts carried forward,</i>   | <u>\$11,436 84</u> | <u>\$9,550 00</u> |

|   |             |            |
|---|-------------|------------|
| <i>Amounts brought forward</i>  | \$11,436 84 | \$9,550 00 |
| John A. Kenrick, treasurer, taxes<br>on land on Centre street, ac-<br>cepted by the city from Lor-<br>ing Heirs . . . . . | 29 60       |            |
| Stephen F. Cate, use of teams . . . . .   | 57 50       |            |
| Nonantum stables, use of teams . . . . .  | 53 50       |            |
| William Weir, use of teams . . . . .  | 8 00        |            |
| John T. Hill, use of teams . . . . .  | 4 00        |            |
| George W. Bush, use of teams, . . . . .   | 3 25        |            |
| S. G. Williams, use of teams . . . . .  | 3 00        |            |
| Drew, Allis & Co., maps of New-<br>ton . . . . .  | 20 00       |            |
| Adams Express Co., expressage . . . . .   | 20 94       |            |
| M. C. Laffie, ringing bell . . . . .  | 8 00        |            |
| Thomas Woodman, ringing bell . . . . .  | 7 00        |            |
| F. B. Sisson, ringing bell . . . . .  | 6 00        |            |
| George W. Chamberlin, ringing<br>bell . . . . .   | 6 00        |            |
| J. T. Thomason, ringing bell . . . . .  | 6 00        |            |
| J. H. Boit, ringing bell . . . . .  | 6 00        |            |
| W. A. Moore, ringing bell . . . . .   | 3 00        |            |
| W. E. Glover, ringing bell . . . . .  | 3 00        |            |
| Charles A. Worth, ringing bell . . . . .  | 3 00        |            |
| J. D. F. Brooks, binding books . . . . .  | 15 10       |            |
| Mrs. E. L. Collins, Admx. refund<br>of taxes on land connected<br>with almshouse . . . . .                                | 10 06       |            |
| Charles H. Stacy, telegrams, . . . . .  | 10 05       |            |
| John Purcill, conveying election<br>returns, etc. . . . .   | 6 00        |            |
| C. F. Eddy & Co., wood and coal . . . . .   | 7 75        |            |
| <i>Amounts carried forward,</i>   | \$11,933 59 | \$9,550 00 |











|   |                   |                  |
|---|-------------------|------------------|
| <i>Amounts brought forward,</i>                             | \$11,933 59       | \$9,550 00       |
| Charles B. Stevens, Reg., recording<br>deeds . . . . .      | 5 71              |                  |
| Sage's Trunk depot, leather bag .                           | 5 50              |                  |
| Martin Walsh, care of old Williams<br>schoolhouse . . . . . | 5 00              |                  |
| John Flood, making returns of<br>deaths . . . . .           | 3 25              |                  |
| George Thaxter & Co., keys, etc. .                          | 2 60              |                  |
| H. H. Hunt, material and labor .                            | 42 66             |                  |
| S. K. McLeod, material and labor                            | 28 98             |                  |
| W. F. Soule, material and labor .                           | 9 50              |                  |
| Isaac Smith, material and labor .                           | 7 94              |                  |
| W. J. Henderson, material and<br>labor . . . . .            | 4 64              |                  |
| J. Carroll, material and labor .                            | 2 75              |                  |
| Joseph Lee, supplies . . . . .                              | 28 50             |                  |
| A. R. Gay & Co., supplies . . . .                           | 13 00             |                  |
| George H. Ingraham, supplies .                              | 4 61              |                  |
| M. R. Warren, supplies . . . . .                            | 3 78              |                  |
| J. F. Frisbie, warden, Ward 1 .                             | 10 00             |                  |
| R. O. Evans, deputy warden,<br>Ward 1 . . . . .             | 6 00              |                  |
| S. C. Stevens, clerk, Ward 1 .                              | 10 00             |                  |
| G. R. Aston, deputy clerk, Ward 1                           | 6 00              |                  |
| Dexter Whipple, inspector, Ward 1                           | 10 00             |                  |
| E. L. Lemon, inspector, Ward 1 .                            | 10 00             |                  |
| George Lane, 2d deputy inspector<br>Ward 1 . . . . .        | 6 00              |                  |
| Michael Hurley, deputy, Ward 1 .                            | 5 00              |                  |
| H. P. Dearborn, warden, Ward 2 .                            | 10 00             |                  |
| <i>Amounts carried forward</i>                              | <hr/> \$11,975 01 | <hr/> \$9 550 00 |

|                                     |       |                   |                  |
|-------------------------------------|-------|-------------------|------------------|
| <i>Amounts brought forward,</i>     |       | \$11,975 01       | \$9,550 00       |
| E. S. Farnsworth, deputy warden,    |       |                   |                  |
| Ward 2 . . . . .                    | 6 00  |                   |                  |
| W. S. Higgins, clerk, Ward 2 .      | 10 00 |                   |                  |
| A. B. Tainter, deputy clerk, Ward 2 | 4 00  |                   |                  |
| J. D. Billings, inspector, Ward 2 . | 10 00 |                   |                  |
| L. H. Cranitch, inspector, Ward 2   | 10 00 |                   |                  |
| J. H. Williams, deputy inspector,   |       |                   |                  |
| Ward 2 . . . . .                    | 6 00  |                   |                  |
| J. C. Whitney, deputy inspector,    |       |                   |                  |
| Ward 2 . . . . .                    | 4 00  |                   |                  |
| George H. Ingraham, warden Ward 3   | 10 00 |                   |                  |
| F. E. Hunter, deputy warden,        |       |                   |                  |
| Ward 3 . . . . .                    | 6 00  |                   |                  |
| J. H. Reed, clerk, Ward 3 . . . .   | 10 00 |                   |                  |
| J. A. Gaw, deputy clerk, Ward 3     | 6 00  |                   |                  |
| C. F. Tuttle, inspector, Ward 3 .   | 10 00 |                   |                  |
| H. C. Wood, inspector, Ward 3 .     | 10 00 |                   |                  |
| A. R. Coe, deputy inspector, Ward 3 | 6 00  |                   |                  |
| R. A. Carroll, deputy inspector,    |       |                   |                  |
| Ward 3 . . . . .                    | 5 00  |                   |                  |
| G. E. Johnson, warden, Ward 4 .     | 10 00 |                   |                  |
| Bernard Early, deputy warden,       |       |                   |                  |
| Ward 4 . . . . .                    | 6 00  |                   |                  |
| H. H. Mather, clerk, Ward 4 . .     | 10 00 |                   |                  |
| G. L. Snow, deputy clerk, Ward 4    | 6 00  |                   |                  |
| E. E. Moody, inspector, Ward 4 .    | 10 00 |                   |                  |
| Henry Washburn, inspector, Ward 4   | 10 00 |                   |                  |
| G. W. Chamberlain, deputy inspec-   | 1 00  |                   |                  |
| tor, Ward 4 . . . . .               | 6 00  |                   |                  |
| W. A. Leonard, deputy inspector,    | 1 00  |                   |                  |
| A. J. Grover, warden, Ward 5 .      | 10 00 |                   |                  |
| <i>Amounts corried forward</i>      |       | <hr/> \$12,157 01 | <hr/> \$9,550 00 |

|                                      |             |            |
|--------------------------------------|-------------|------------|
| <i>Amounts brought forward,</i>      | \$12,157 01 | \$9,550 00 |
| John W. Howe, deputy warden,         |             |            |
| Ward 5 . . . . .                     | 6 00        |            |
| G. A. Gleason, clerk, Ward 5 .       | 5 00        |            |
| Charles H. Hale, deputy clerk,       |             |            |
| Ward 5 . . . . .                     | 5 00        |            |
| W. T. Logan, inspector, Ward 5 .     | 10 00       |            |
| G. A. Osborn, inspector, Ward 5      | 10 00       |            |
| J. P. Tenney, deputy inspector,      |             |            |
| Ward 5 . . . . .                     | 3 00        |            |
| Daniel Kelleher, deputy inspector,   |             |            |
| Ward 5 . . . . .                     | 2 00        |            |
| W. E. Clarke, deputy inspector,      |             |            |
| Ward 5 . . . . .                     | 2 00        |            |
| P. T. Begley, Deputy inspector,      |             |            |
| ward 5, . . . . .                    | 3 00        |            |
| Samuel M. Jackson, Warden, ward 6    | 10 00       |            |
| J. D. Green, Deputy warden, ward 6   | 1 00        |            |
| Lewis E. Coffin, clerk, ward 6 .     | 9 00        |            |
| R. R. Bishop, Jr., Deputy clerk,     |             |            |
| ward 6 . . . . .                     | 1 00        |            |
| G. R. Hovey, Inspector, ward 6 .     | 10 00       |            |
| H. H. Read, Inspector, ward 6 .      | 10 00       |            |
| J. W. Hill, Deputy inspector, ward 6 | 2 00        |            |
| J. F. Scannell, Deputy clerk, ward 6 | 3 00        |            |
| J. E. Warner, Warden, ward 7 .       | 10 00       |            |
| C. W. Bassett, Deputy warden         |             |            |
| ward 7 . . . . .                     | 3 00        |            |
| Moses Clark, Jr., Clerk, ward 7 .    | 10 00       |            |
| H. C. Daniels, Deputy clerk, ward 7  | 3 00        |            |
| G. S. Woodbridge, Inspector,         |             |            |
| ward 7 . . . . .                     | 10 00       |            |
| <i>Amounts carried forward,</i>      | \$12,285 01 | \$9,550 00 |

|  |             |            |
|--|-------------|------------|
| <i>Amounts brought forward,</i>                        | \$12,285 01 | \$9,550 00 |
| G. W. Lamson, Inspector, ward 7                        | 5 00        |            |
| B. S. Wetherbee, Inspector pro tem<br>ward 7 . . . . . | 5 00        |            |
| Edwin Holman, Deputy inspector,<br>ward 7 . . . . .    | 4 00        |            |
| F. A. Wetherbee, Deputy inspector<br>ward 7 . . . . .  | 3 00        |            |
| Sundry small bills . . . . .                           | 5 53        |            |
| Total, as per item No. 26 of expenses, .               |             | 12,307 54  |
| Balance overdrawn transferred into treasury,           |             | \$2,757 54 |

#### Newton Free Library.

|  |            |            |
|--|------------|------------|
| Appropriation . . . . .  |            | \$8,000 00 |
| Hannah P. James, services, libra-<br>rian . . . . .                | 999 65     |            |
| Elizabeth P. Thurston, services as-<br>sistant librarian . . . . . | 600 00     |            |
| Etta P. Cleaveland, services assist-<br>ant librarian . . . . .    | 399 98     |            |
| Louise J. Smallwood, services as-<br>sistant librarian . . . . .   | 399 98     |            |
| Millie E. Michaels, services, assist-<br>ant librarian . . . . .   | 399 98     |            |
| James J. Tower, services, janitor .                                | 800 02     |            |
| W. B. Clarke and Carruth, books                                    | 920 83     |            |
| Cupples, Upham & Co., books .                                      | 165 06     |            |
| B. K. Peirce, books . . . . .                                      | 143 50     |            |
| Charles Parkhurst, books . . .                                     | 75 00      |            |
| N. J. Bartlett & Co., books . . .                                  | 50 76      |            |
| <i>Amounts carried forward,</i> .                                  | \$4,954 76 | \$8,000 00 |



|   |                   |                   |
|---|-------------------|-------------------|
| <i>Amounts brought forward</i>                  | \$4,954 76        | \$8,000 00        |
| A. S. Packard, books                            | 35 00             |                   |
| Amos E. Lawrence, books                         | 32 75             |                   |
| Warren F. Draper, books                         | 26 10             |                   |
| C. W. Thurston, books                           | 25 00             |                   |
| D. L. Guernsey, books                           | 23 25             |                   |
| R. Nagle, books                                 | 20 00             |                   |
| Little, Brown & Co., books                      | 16 00             |                   |
| S. E. Cassino & Co., books                      | 12 00             |                   |
| Dodd, Mead & Co., books                         | 6 00              |                   |
| Frank P. Hill, books                            | 4 00              |                   |
| Estes & Lauriat, books                          | 1 50              |                   |
| H. D. Noyes & Co., subscription                 | 167 05            |                   |
| Post Publishing Co., subscription               | 18 00             |                   |
| The Tribune Co., subscription                   | 12 00             |                   |
| Gazette Printing Co., subscription              | 12 00             |                   |
| Boston Daily Advertiser, subscrip-<br>tion      | 12 00             |                   |
| Nickelson & Co., subscription                   | 12 00             |                   |
| Commercial Gazette Co., subscrip-<br>tion       | 10 50             |                   |
| Globe Printing Co., subscription                | 9 00              |                   |
| The Evening Sun, subscription                   | 9 00              |                   |
| G. W. Armstrong, subscription                   | 8 25              |                   |
| The World, subscription                         | 7 50              |                   |
| The Republican Co., subscription                | 7 00              |                   |
| Dodd, Mead & Co., subscription                  | 6 00              |                   |
| New York Herald, subscription                   | 6 00              |                   |
| Alta California Publishing Co.,<br>subscription | 6 00              |                   |
| Charles C. Fulton, & Co. subscrip-<br>tion      | 6 00              |                   |
| <i>Amounts carried forward,</i>                 | <u>\$5,470 66</u> | <u>\$8,000 00</u> |

|  |                  |                  |
|--|------------------|------------------|
| <i>Amounts brought forward,</i>                              | \$5,470 66       | \$8,000 00       |
| J. R. Osgood & Co., subscription                             | 6 00             |                  |
| R. M. Pulsifer & Co., subscription                           | 6 00             |                  |
| Globe Newspaper Co., subscription                            | 6 00             |                  |
| The Press Co., (limited) subscrip-<br>tion . . . . .         | 6 00             |                  |
| Journal Newspaper Co., subscrip-<br>tion . . . . .           | 6 00             |                  |
| The Sun . . . . .  | 4 80             |                  |
| The Publisher of Science, subscrip-<br>tion . . . . .        | 4 00             |                  |
| E. H. Hames & Co., subscription                              | 4 00             |                  |
| H. G. Parker, subscription .                                 | 3 20             |                  |
| George H. Pratt, subscription .                              | 2 50             |                  |
| The Every Other Saturday Pub-<br>lishing Co., subscription . | 2 50             |                  |
| Manhattan Magazine, subscription                             | 2 50             |                  |
| Journal of Comparative Medicine<br>and Surgery, subscription | 2 00             |                  |
| The Newton Graphic, subscription                             | 2 00             |                  |
| Neil McGinnis, expressage of books                           | 900 00           |                  |
| G. L. Pearson, expressage . . .                              | 5 75             |                  |
| C. H. Hurd, expressage . . .                                 | 3 80             |                  |
| Kenney's Express, expressage .                               | 3 70             |                  |
| N. & W. Gaslight Co., gas . . .                              | 501 55           |                  |
| Albert Brackett, coal . . .                                  | 208 26           |                  |
| N. E. Telegraph & Telephone Co.,<br>rental, etc., . . . . .  | 108 40           |                  |
| J. H. H. McNamee, binding books                              | 198 43           |                  |
| J. G. Roberts & Co., binding books                           | 16 30            |                  |
| George H. Pratt, printing, etc.,                             | 30 00            |                  |
| Water department, use of water                               | 15 69            |                  |
| <i>Amounts carried forward,.</i>                             | <hr/> \$7,514 04 | <hr/> \$8,000 00 |

|   |           |            |            |
|---|-----------|------------|------------|
| <i>Amounts brought forward,</i>               | .         | \$7,514 04 | \$8,000 00 |
| Everett E. Moody, agency                      | .         | 51 00      |            |
| W. C. Gaudalet, agency                        | . .       | 50 00      |            |
| J. J. Peck, agency                            | . . .     | 40 00      |            |
| B. Billings, agency                           | . . .     | 40 00      |            |
| A. E. Brickett, agency                        | . .       | 28 00      |            |
| J. W. Davis & Co., agency                     | .         | 23 00      |            |
| C. W. Kinder, agency                          | . .       | 20 00      |            |
| Blair & Hallett, blank book, etc.,            | .         | 7 50       |            |
| B. F. Bacon, for watering streets             |           | 5 00       |            |
| L. Modie & Co., oak frame, etc.,              |           | 2 50       |            |
| H. P. James, cash expenses                    | .         | 2 25       |            |
| F. H. Gile, material and labor                | .         | 13 50      |            |
| H. F. Wellington, material and<br>labor       | . . . . . | 5 41       |            |
| N. L. Chamberlin & Co., material<br>and labor | . . . . . | 2 50       |            |
| Library Bureau, supplies                      | . .       | 131 99     |            |
| Thayer & Stiles, supplies                     | . .       | 33 56      |            |
| Gilman Bros., supplies                        | . .       | 9 50       |            |
| N. W. Turner, supplies                        | . .       | 9 20       |            |
| Lockwood, Brooks & Co., supplies              |           | 5 75       |            |
| C. H. Stone & Co., supplies                   | .         | 5 25       |            |
| Total, as per item No. 27 of expenses         |           | .          | 7,999 95   |
| Balance unexpended, transferred into treasury |           |            | 5          |

#### Newtonville Drain.

|   |           |         |
|---|-----------|---------|
| Daniel Fitzgerald, refund of 60 per cent. on<br>amount assessed for construction of New-<br>tonville drain, as per item No. 28 of ex-<br>penses | . . . . . | \$81 90 |
|---|-----------|---------|

**Newton Centre (Rice) Schoolhouse, Special Appropriation.**

|   |            |             |
|---|------------|-------------|
| Joseph E. Cousens, land . . .                         | \$5,000 00 |             |
| Henry F. Ross, amount paid on<br>contract . . . . .   | 7,000 00   |             |
| Allen and Kenway, services as<br>architects . . . . . | 300 00     |             |
| T. J. Hartnett, amount paid on<br>contract . . . . .  | 100 00     |             |
|   | <hr/>      |             |
| Total as per item No. 29 of expenses . . .            |            | \$12,400 00 |

**Nonantum (Eliot) Schoolhouse, Special Appropriation.**

|   |            |             |
|---|------------|-------------|
| Amount expended to January 1st 1884 . . .             |            | \$11,959 45 |
| Henry F. Ross, amount paid on<br>contract . . . . .   | \$3,643 35 |             |
| Pay-roll of laborers . . . . .                        | 471 75     |             |
| George F. Meacham, services as<br>architect . . . . . | 357 15     |             |
| Timothy Stuart, labor, men and<br>teams . . . . .     | 97 96      |             |
| Simpson Bros., concreting . . . . .                   | 60 00      |             |
| James Dunn, care of building . . . . .                | 50 00      |             |
| Timothy McNamara, man and<br>team . . . . .           | 49 00      |             |
| W. A. Fogwell, material and labor . . . . .           | 29 34      |             |
| Thomas Benson, labor . . . . .                        | 23 00      |             |
| Patrick Benson, labor . . . . .                       | 23 00      |             |
| Patrick Hannagan, labor . . . . .                     | 20 13      |             |
| Albert Brackett, coal . . . . .                       | 18 07      |             |
|   | <hr/>      |             |
| Total, as per item No. 30 of expenses . . .           |            | \$4,842 75  |
|   |            | <hr/>       |
|   |            | \$16,802 20 |



**Police Department.**

|  |             |             |
|--|-------------|-------------|
| Appropriation . . .  | \$17,700 00 |             |
| Additional, transferred from re-<br>ceipts, by order of City Council | 125 00      |             |
|  |             | <hr/>       |
|  |             | \$17,825 00 |

**Regular Police Officers.**

|  |             |       |
|--|-------------|-------|
| Daniel M. Hammond, City Marshal . . . . .              | \$1,500 00  |       |
| Charles F. Richardson, Sergeant of<br>Police . . . . . | 1,000 00    |       |
| George E. F. Baker, patrolman .                        | 887 75      |       |
| N. F. Bosworth, patrolman .                            | 868 02      |       |
| W. G. Bosworth, patrolman .                            | 841 35      |       |
| Charles O. Davis, patrolman .                          | 784 56      |       |
| Charles E. Davis, patrolman .                          | 895 10      |       |
| Wm. C. Emerson, patrolman .                            | 895 08      |       |
| F. B. Fletcher, patrolman . .                          | 875 57      |       |
| R. S. Harrison, patrolman . .                          | 897 54      |       |
| James D. Henthorn, patrolman .                         | 846 06      |       |
| Edson C. Holmes, patrolman .                           | 887 75      |       |
| Charles P. Huestis, patrolman .                        | 900 00      |       |
| Rufus H. Moulton, patrolman .                          | 868 05      |       |
| John Purcill, patrolman . . .                          | 897 54      |       |
| John Ryan, patrolman . . .                             | 900 00      |       |
|  |             | <hr/> |
|  | \$14,744 37 |       |

**Special Police Officers.**

|                             |        |       |
|-----------------------------|--------|-------|
| John W. Conroy, Jr. . . . . | 585 03 |       |
| A. M. Fuller, . . . . .     | 485 28 |       |
| Martin C. Laffie, . . . . . | 209 04 |       |
|                             |        | <hr/> |

*Amounts carried forward, . \$16,023 72 \$17,825 00*

*Amounts brought forward,*      \$16,023 72      \$17,825 00

**Incidental Expenses.**

|   |          |  |
|---|----------|--|
| Stephen F. Cate, board of horse,<br>and use of teams . . . . .            | \$307 25 |  |
| N. F. Bosworth, board of horse<br>and use of teams . . . . .              | 64 00    |  |
| William Weir, use of teams . . . . .                                      | 37 00    |  |
| John T. Hill, use of teams . . . . .                                      | 19 00    |  |
| Nonantum stables, use of teams . . . . .                                  | 13 50    |  |
| S. F. Hatchard, use of teams . . . . .                                    | 6 50     |  |
| T. B. Wiggin, use of teams . . . . .                                      | 6 00     |  |
| S. L. Pratt, use of teams . . . . .                                       | 4 00     |  |
| George W. Bush, use of teams . . . . .                                    | 2 00     |  |
| S. G. Williams, use of teams . . . . .                                    | 2 00     |  |
| John Purcill, conveyance of pris-<br>oners . . . . .                      | 82 10    |  |
| C. O. Davis, conveyance of pris-<br>oners . . . . .                       | 17 50    |  |
| A. M. Fuller, conveyance of pris-<br>oners . . . . .                      | 12 00    |  |
| D. M. Hammond, meals for prison-<br>ers . . . . .                         | 43 25    |  |
| Mary W. Brownell, meals for<br>prisoners . . . . .                        | 25 25    |  |
| A. D. Colby, meals for prisoners . . . . .                                | 25 25    |  |
| N. E. Telephone and Telegraph<br>Co., rental of instruments, etc. . . . . | 180 98   |  |
| W. T. Hill, exchange of wagons . . . . .                                  | 125 00   |  |
| N. & W. Gas Light Co., gas . . . . .                                      | 103 09   |  |
| Water Department, use of water . . . . .                                  | 55 00    |  |
| John H. Pray Sons & Co., carpet . . . . .                                 | 54 98    |  |

*Amounts carried forward,*      \$17,209 37      \$17,825 00



|   |                    |                    |
|---|--------------------|--------------------|
| <i>Amounts brought forward, .</i>                 | \$17,209 37        | \$17,825 00        |
| D. Evans & Co., buttons . . .                     | 50 00              |                    |
| C. F. Eddy & Co., coal . . .                      | 41 95              |                    |
| Albert Brackett, coal . . .                       | 5 50               |                    |
| F. Murphy, hat covers, etc. . .                   | 33 60              |                    |
| Charles H. Stacy, stamped envelopes, etc. . . . . | 25 17              |                    |
| Joseph R. Goodnow, services . .                   | 19 00              |                    |
| F. D. Graves, printing . . .                      | 10 00              |                    |
| Joseph Zeller, repairing table . .                | 6 00               |                    |
| C. A. Twitchell, silver badge . .                 | 6 00               |                    |
| Nelson H. Brown, clock . . .                      | 4 00               |                    |
| Ellen Mahan, cleaning station . .                 | 3 73               |                    |
| C. H. Jenison, expressage . . .                   | 3 25               |                    |
| P. C. Child, cleaning station . .                 | 3 00               |                    |
| S. B. Maxwell, cleaning carpets . .               | 2 00               |                    |
| B. F. Barlow, blacksmithing . .                   | 5 22               |                    |
| Charles A. Cole, blacksmithing . .                | 4 00               |                    |
| John McDonald, blacksmithing . .                  | 3 25               |                    |
| P. A. McVicar, blacksmithing . .                  | 2 75               |                    |
| H. H. Hunt, material and labor . .                | 35 71              |                    |
| Cranitch & Horrigan, material and labor . . . . . | 25 00              |                    |
| J. W. Conroy, material and labor . .              | 21 15              |                    |
| A. W. Ward, material and labor . .                | 20 00              |                    |
| W. H. French & Co., material and labor . . . . .  | 16 58              |                    |
| George Fuller, material and labor . .             | 14 75              |                    |
| J. R. Nason, material and labor . .               | 12 25              |                    |
| Samuel Roosa, material and labor . .              | 10 00              |                    |
| O. F. Lucas, material and labor . .               | 9 51               |                    |
| <i>Amounts carried forward,</i>                   | <u>\$17,602 74</u> | <u>\$17,825 00</u> |

|   |             |             |
|---|-------------|-------------|
| <i>Amounts brought forward</i>                | \$17,602 74 | \$17,825 00 |
| W. J. Holmes, material and labor              | 8 00        |             |
| M. S. Hodgson, material and labor             | 5 25        |             |
| E. W. Hodgson, material and labor             | 5 25        |             |
| Robert Curry, material and labor              | 5 00        |             |
| Edward Pike, material and labor               | 3 10        |             |
| Peabody & Whitney, supplies                   | 39 84       |             |
| H. A. Winship, supplies                       | 26 00       |             |
| Sabin & Page, supplies                        | 13 00       |             |
| J. H. Nickerson, supplies                     | 8 70        |             |
| Hill & Langtry, supplies                      | 6 02        |             |
| H. E. Woodberry, supplies                     | 5 75        |             |
| H. Eugene Flemming, supplies                  | 5 05        |             |
| J. G. Davis & Co., supplies                   | 4 00        |             |
| C. C. Cook, supplies                          | 3 34        |             |
| Sundry small bills                            | 11 48       |             |
| Total, as per item No. 31 of expenses         |             | \$17,752 52 |
| Balance unexpended, transferred into treasury |             | \$72 48     |

**Poor Out of Almshouse.**

|  |          |            |
|--|----------|------------|
| Appropriation  |          | \$8,000 00 |
| Nathan Mosman, services as city almoner, and clerk of board of overseers | \$700 00 |            |
| Dexter Whipple, services, overseer, Ward 1                               | 50 00    |            |
| O. B. Leavitt, services, overseer, Ward 2                                | 50 00    |            |
| O. F. Lucas, services, overseer, Ward 3                                  | 50 00    |            |
| <i>Amounts carried forward,</i>  | \$850 00 | \$8,000 00 |

|   |                  |                  |
|---|------------------|------------------|
| <i>Amounts brought forward</i>                                    | \$850 00         | \$8,000 00       |
| Nathan Mosman, services, overseer,<br>Ward 4 . . . . .            | 50 00            |                  |
| H. C. Hoyt, services, overseer,<br>Ward 5 . . . . .               | 50 00            |                  |
| George Warren, services, overseer,<br>Ward 6 . . . . .            | 50 00            |                  |
| John Warner, services, overseer,<br>Ward 7 . . . . .              | 50 00            |                  |
| Nathan Mosman, amount paid to<br>sundry persons . . . . .         | 495 01           |                  |
| Worcester Lunatic Hospital, care<br>of sundry persons . . . . .   | 994 01           |                  |
| Northampton Lunatic Hospital,<br>care of sundry persons . . . . . | 185 42           |                  |
| Taunton Lunatic Hospital, care of<br>sundry persons . . . . .     | 68 92            |                  |
| Danvers Lunatic Hospital, care of<br>sundry persons . . . . .     | 20 74            |                  |
| Asylum for the Chronic Insane<br>care of sundry persons . . . . . | 393 51           |                  |
| Commonwealth of Massachusetts<br>care of sundry persons . . . . . | 162 28           |                  |
| City of Boston, partial support of<br>poor . . . . .              | 129 79           |                  |
| City of Malden, partial support of<br>poor . . . . .              | 41 25            |                  |
| City of Lowell, partial support of<br>poor . . . . .              | 16 00            |                  |
| Town of Foxborough, partial sup-<br>port of poor . . . . .        | 56 98            |                  |
| <i>Amounts carried forward</i>                                    | <hr/> \$3,613 91 | <hr/> \$8,000 00 |

|  |                   |                   |
|--|-------------------|-------------------|
| <i>Amounts brought forward,</i>                              | \$3,613 91        | \$8,000 00        |
| Town of Webster, partial support<br>of poor . . . . .        | 9 25              |                   |
| Town of Needham, partial support<br>of poor . . . . .        | 5 00              |                   |
| Town of Athol, partial support of<br>poor . . . . .          | 5 00              |                   |
| Town of Phillipstown, partial sup-<br>port of poor . . . . . | 3 02              |                   |
| Dr. J. H. Bodge, medical atten-<br>dance . . . . .           | 51 00             |                   |
| Dr. James Utley, medical atten-<br>dance . . . . .           | 33 00             |                   |
| Dr. F. D. Lord estate, medical at-<br>tendance . . . . .     | 27 00             |                   |
| Dr. H. B. Stoddard, medical atten-<br>dance . . . . .        | 13 00             |                   |
| Drs. O. E. and W. O. Hunt, med-<br>ical attendance . . . . . | 9 40              |                   |
| Dr. E. P. Scales, medical atten-<br>tendance . . . . .       | 9 00              |                   |
| Dr. E. N. Kingsbury, medical at-<br>tendance . . . . .       | 9 00              |                   |
| Dr. F. W. Webber, medical atten-<br>dance . . . . .          | 9 00              |                   |
| Dr. D. E. Baker, medical attendance                          | 7 50              |                   |
| Dr. J. F. Frisbie, medical atten-<br>dance . . . . .         | 6 00              |                   |
| Dr. F. L. Thayer, medical atten-<br>dance . . . . .          | 2 00              |                   |
| Dr. L. R. Stone, medical attendance                          | 2 00              |                   |
| A. Pillsbury, prescriptions . . .                            | 10 00             |                   |
| <i>Amounts carried forward,</i>                              | <u>\$3,824 08</u> | <u>\$8,000 00</u> |

|  |            |            |
|--|------------|------------|
| <i>Amounts brought forward,</i>                          | \$3,824 08 | 8,000 00   |
| J. J. Noble, prescriptions                               | 7 15       |            |
| C. F. Rogers, prescriptions                              | 3 65       |            |
| I. H. Snow, prescriptions                                | 2 68       |            |
| J. H. Woolrich, prescriptions                            | 2 55       |            |
| James McGourty, funeral expenses                         | 41 50      |            |
| W. H. Mague, funeral expenses                            | 27 00      |            |
| James Lane, chairman, funeral ex-<br>penses, L. Harrison | 25 00      |            |
| George H. Gregg, funeral expenses                        | 13 50      |            |
| John A. Peck, funeral expenses                           | 9 00       |            |
| Newton Cemetery corporation,<br>interments               | 19 00      |            |
| Roxbury home, etc., board of Miss<br>Crawley             | 72 00      |            |
| Mrs. Robert Blue, board of H. Rice                       | 30 00      |            |
| D. D. Slade, board of Sullivan<br>children               | 24 00      |            |
| Miss Alice Williston, board of<br>Sullivan children      | 24 00      |            |
| D. R. Glew, board and nursing,<br>Mrs. Ettenger          | 10 00      |            |
| Dr. W. O. Hunt, house rent, Mrs.<br>Denning              | 80 00      |            |
| Mrs. William Collins, house rent<br>Mrs. Jeffers         | 48 00      |            |
| Thomas Mullen, house rent, Mrs.<br>Mague                 | 22 50      |            |
| B. F. Houghton, house rent, Mrs.<br>Cazmay               | 12 00      |            |
| B. Farrell, house rent, P. Kennedy                       | 12 00      |            |
| Michael Lester, house rent                               | 4 00       |            |
| <i>Amounts carried forward,</i>                          | \$4,313 61 | \$8,000 00 |



|  |                   |                   |
|--|-------------------|-------------------|
| <i>Amounts brought forward,</i>          | \$4,313 61        | \$8,000 00        |
| Nonantum Stables, use of teams           | 12 00             |                   |
| D. Harrington & Son, use of teams        | 5 00              |                   |
| Stephen F. Cate, use of teams            | 4 50              |                   |
| H. C. Hoyt, use of team, etc.,           | 10 00             |                   |
| C. F. Richardson, cash expenses          | 7 64              |                   |
| A. A. Savage, groceries . . .            | 270 70            |                   |
| W. O. Knapp & Co., groceries . . .       | 257 93            |                   |
| C. C. Cook, groceries . . . . .          | 248 50            |                   |
| H. B. Coffin, groceries . . . . .        | 129 36            |                   |
| C. Strout & Sons, groceries . . . . .    | 125 00            |                   |
| J. B. Murphy, groceries . . . . .        | 113 00            |                   |
| E. Vickers, groceries . . . . .          | 100 00            |                   |
| H. A. Sherman, groceries . . . . .       | 99 00             |                   |
| H. W. Fanning & Son, groceries . . . . . | 80 34             |                   |
| W. P. Holden, groceries . . . . .        | 78 00             |                   |
| I. R. Stevens, groceries . . . . .       | 50 34             |                   |
| George H. Adams, groceries . . . . .     | 45 20             |                   |
| H. E. Woodberry, groceries . . . . .     | 43 11             |                   |
| J. H. Sheridan, groceries . . . . .      | 30 00             |                   |
| B. F. Houghton, groceries . . . . .      | 24 00             |                   |
| B. B. Vassall, groceries . . . . .       | 22 50             |                   |
| G. P. Atkins, groceries . . . . .        | 17 00             |                   |
| Mann & Eaton, groceries . . . . .        | 12 38             |                   |
| J. W. Davis & Co., groceries . . . . .   | 10 00             |                   |
| Alonzo Whitney, groceries . . . . .      | 6 00              |                   |
| M. Mahoney, groceries . . . . .          | 5 72              |                   |
| M. J. Duane, groceries . . . . .         | 5 50              |                   |
| B. Billings, groceries . . . . .         | 3 00              |                   |
| C. F. Eddy & Co., fuel . . . . .         | 270 98            |                   |
| Albert Brackett, fuel . . . . .          | 260 00            |                   |
| Trowbridge & Hill, fuel . . . . .        | 129 14            |                   |
| <i>Amounts carried forward .</i>         | <u>\$6,789 45</u> | <u>\$8,000 00</u> |



|   |            |            |
|---|------------|------------|
| <i>Amounts brought forward,</i>                         | \$6,789 45 | \$8,000 00 |
| T. W. Nickelson, fuel . . .                             | 91 27      |            |
| Alms-house department, fuel . . .                       | 68 00      |            |
| George Warren & Co., fuel . . .                         | 48 35      |            |
| Hills and Bullens, fuel . . .                           | 31 00      |            |
| Daniel Warren, fuel . . .                               | 13 75      |            |
| C. O. Davis, cash expenses . . .                        | 6 00       |            |
| H. P. Dearborn, provisions . . .                        | 3 92       |            |
| Scamman & Cook, provisions . . .                        | 2 00       |            |
| A. J. Gordon, shoes . . .                               | 3 00       |            |
| C. G. Phillips, shoes . . .                             | 2 85       |            |
| Newton Transcript Publishing Co.,<br>printing . . . . . | 2 00       |            |
| Sundry small bills . . .                                | 15 27      |            |
|   | <hr/>      |            |
| Total, as per item No. 32 of expenses                   |            | \$7,076 86 |
|   |            | <hr/>      |
| Balance unexpended, transferred into treasury           |            | \$923 14   |

### Public Property.

|  |            |             |
|--|------------|-------------|
| Appropriation . . . . .  | \$6,400 00 |             |
| Additional appropriation by order<br>of City Council . . . . .           | 6,000 00   |             |
|  | <hr/>      |             |
|  |            | \$12,400 00 |
| John S. Farlow, Old Channing<br>Church property . . . . .                | \$5,900 00 |             |
| Simpson Bros., concreting . . . . .                                      | 635 96     |             |
| Highland Foundry Co., furnaces . . . . .                                 | 517 50     |             |
| Nonantum Athenæum, for rent of<br>building for school purposes . . . . . | 195 00     |             |
|  | <hr/>      |             |
| <i>Amounts carried forward,</i> . . .                                    | \$7,248 46 | \$12,400 00 |

|   |                    |                    |
|---|--------------------|--------------------|
| <i>Amounts brought forward</i>  | \$7,248 46         | \$12,400 00        |
| First Baptist Society, use of chapel,<br>for school in Thompsonville,<br>for 1884 | 150 00             |                    |
| William E. Porter, material and<br>labor  | 387 87             |                    |
| Henry H. Hunt, material and la-<br>bor  | 331 18             |                    |
| J. L. Sears, material and labor   | 248 63             |                    |
| W. H. French & Co., material and<br>labor   | 243 75             |                    |
| Isaac Smith, material and labor   | 212 92             |                    |
| Timothy Stuart, material and la-<br>bor   | 189 61             |                    |
| H. H. Miles, material and labor   | 185 39             |                    |
| Morss & Whyte, material and la-<br>bor  | 179 11             |                    |
| O. B. Leavitt, material and labor   | 168 28             |                    |
| J. D. Billings, material and labor  | 160 43             |                    |
| Samuel D. Garey, material and la-<br>bor  | 145 38             |                    |
| Arthur Muldoon, material and labor  | 129 25             |                    |
| T. J. Hartnett, material and labor  | 127 65             |                    |
| F. H. Humphrey, agt., material and<br>labor                                       | 117 84             |                    |
| Charles Scott, material and labor   | 105 97             |                    |
| Henry F. Wellington, material<br>and labor  | 97 75              |                    |
| R. J. Morrisey, material and labor  | 90 63              |                    |
| John Cain, material and labor   | 73 49              |                    |
| Cranitch & Horrigan, material and<br>labor  | 71 00              |                    |
| <i>Amounts carried forward,</i>   | <u>\$10,664 59</u> | <u>\$12,400 00</u> |

|   |                   |                   |
|---|-------------------|-------------------|
| <i>Amounts brought forward</i>                                | \$10,664 59       | \$12,400 00       |
| A. W. Snow, material and labor .                              | 61 09             |                   |
| R. G. Brown & Co., material and<br>labor . . . . .            | 60 00             |                   |
| J. E. Trowbridge, material and la-<br>bor . . . . .           | 59 76             |                   |
| Peter C. Baker, material and labor                            | 55 80             |                   |
| Walker & Pratt Manufacturing<br>Co., material and labor . . . | 54 96             |                   |
| O. F. Lucas, material and labor .                             | 54 33             |                   |
| John E. Coleman, material and<br>labor . . . . .              | 45 62             |                   |
| Milo Lucas, material and labor .                              | 43 60             |                   |
| D. H. Butterick, material and labor                           | 43 50             |                   |
| James Dunn, material and labor .                              | 37 44             |                   |
| W. J. Maguire, material and labor                             | 33 70             |                   |
| Joseph W. Gregg, material and<br>labor . . . . .              | 27 80             |                   |
| W. A. Fogwell, material and labor                             | 26 50             |                   |
| R. O. Evans, material and labor .                             | 24 80             |                   |
| William Bemis, material and labor                             | 23 20             |                   |
| Russell Freeman, material and<br>labor . . . . .              | 22 76             |                   |
| Festus Egan, material and labor .                             | 22 34             |                   |
| A. T. Ring, material and labor .                              | 20 95             |                   |
| D. O'Driscoll, material and labor .                           | 20 60             |                   |
| Charles Murphy, material and<br>labor . . . . .               | 19 50             |                   |
| James Humphrey, material and<br>labor . . . . .               | 17 60             |                   |
| Russell & Burke, material and<br>labor . . . . .              | 17 32             |                   |
| <i>Amounts carried forward</i>                                | <hr/> \$11,457 76 | <hr/> \$12,400 00 |

|  |             |             |
|--|-------------|-------------|
| <i>Amounts brought forward,</i>                              | \$11,457 76 | \$12,400 00 |
| Higgins & Nickerson, material and labor . . . . .            | 14 63       |             |
| J. F. Washburne, material and labor . . . . .                | 14 60       |             |
| W. J. Wilson, material and labor .                           | 13 75       |             |
| Michael Hynes, material and labor                            | 12 78       |             |
| George K. Paul & Co., material and labor . . . . .           | 12 65       |             |
| Smith & Hurley, material and labor . . . . .                 | 12 55       |             |
| C. A. Hill, material and labor .                             | 12 00       |             |
| E. L. & F. S. Rollins, material and labor . . . . .          | 11 85       |             |
| C. S. Phillips, material and labor .                         | 10 23       |             |
| W. P. Leavitt & Son, material and labor . . . . .            | 9 59        |             |
| Edward Pike, material and labor .                            | 8 82        |             |
| James McGourty, material and labor . . . . .                 | 7 65        |             |
| Walworth Manufacturing Company, material and labor . . . . . | 7 51        |             |
| B. F. Barlow, material and labor .                           | 7 23        |             |
| L. A. Gammons, material and labor                            | 7 15        |             |
| A. Hall, material and labor . . .                            | 6 05        |             |
| W. B. Sadler, material and labor .                           | 6 00        |             |
| Dennis McMullen, material and labor . . . . .                | 5 25        |             |
| L. S. Holman, material and labor .                           | 5 00        |             |
| George Fuller, material and labor                            | 4 96        |             |
| Scott & Maher, material and labor                            | 4 75        |             |
| <i>Amounts carried forward</i>                               | \$11,652 76 | \$12,400 00 |



|  |                    |                    |
|--|--------------------|--------------------|
| <i>Amounts brought forward,</i>  | \$11,652 76        | \$12,400 00        |
| Thomas Sinclair, material and labor . . . . .  | 4 00               |                    |
| A. H. Adams, material and labor .  | 4 00               |                    |
| Job Monahan, material and labor .  | 4 00               |                    |
| Clark Machine Works, material and labor . . . . .                                    | 3 75               |                    |
| George S. Noden, material and labor . . . . .  | 2 80               |                    |
| J. L. Randall, care schoolhouse, halls, etc. . . . .                                 | 158 20             |                    |
| M. McDonald, building vaults .   | 149 00             |                    |
| The Fulton Iron Foundry Co., drain plates, etc. . . . .                              | 106 25             |                    |
| John A. Kenrick, treasurer, for taxes on the old Channing church property for 1884 . | 84 96              |                    |
| Newton and Watertown Gas Light Co., gas. . . . .                                     | 45 00              |                    |
| Davis & Farnum Manufacturing Co., castings, etc. . . . .                             | 37 97              |                    |
| John & James Dobson, carpets .   | 36 12              |                    |
| Luther Bent & Co., furniture .   | 25 50              |                    |
| Albert Brackett, coal . . . . .  | 23 20              |                    |
| F. E. Hamblin, drain pipe . . . . .  | 19 29              |                    |
| American Tube Works, brass tube  | 16 50              |                    |
| Moses G. Crane, repairs on clock   | 15 00              |                    |
| Masten & Wells, flag . . . . .   | 11 00              |                    |
| Water department, valve, etc. .  | 6 78               |                    |
| Thomas Woodman, cleaning Mason hall . . . . .  | 5 00               |                    |
| The Newton Graphic, printing .   | 2 25               |                    |
| <i>Amounts carried forward</i>   | <u>\$12,413 33</u> | <u>\$12,400 00</u> |

|   |             |                 |
|---|-------------|-----------------|
| <i>Amounts brought forward,</i>               | \$12,413 33 | \$12,400 00     |
| N. H. McIntosh, use of teams .                | 9 50        |                 |
| Hagerty Bros., use of teams .                 | 7 50        |                 |
| A. F. Harrington, use of teams .              | 6 50        |                 |
| J. Frank Makee, use of teams .                | 5 00        |                 |
| Stephen F. Cate, use of teams .               | 4 00        |                 |
| John T. Hill, use of teams . .                | 4 00        |                 |
| C. H. Jenison, expressage . .                 | 4 75        |                 |
| John Joyce, labor . . .                       | 18 25       |                 |
| John Foster, labor . . .                      | 17 87       |                 |
| John Marden, labor . . .                      | 12 00       |                 |
| James Murray, labor . . .                     | 5 25        |                 |
| William Kiley, labor . . .                    | 4 38        |                 |
| W. H. Delaney, labor . . .                    | 2 50        |                 |
| Barber Bros., supplies . . .                  | 12 24       |                 |
| H. A. Sherman, supplies . .                   | 11 50       |                 |
| Samuel Kelley, supplies . .                   | 10 50       |                 |
| Von Wagoun & Williams, supplies               | 9 00        |                 |
| C. H. McHenry & Co., supplies                 | 8 55        |                 |
| H. M. Greenough, supplies .                   | 7 50        |                 |
| Waldo Bros., supplies . .                     | 6 58        |                 |
| Sundry small bills . . .                      | 19 54       |                 |
|   |             | <hr/>           |
| Total, as per item No. 33 of expenses         |             | 12,600 24       |
| Balance overdrawn, transferred into treasury, |             | <hr/> \$ 200 24 |

#### Read Fund Income.

|  |            |
|--|------------|
| Paid to sundry parties, in accordance with the will of the late Charles A. Read, income received from the Trustees, upon investments, as per item No. 34 of expenses . | \$1,252 76 |
|--|------------|



**Removal of Ashes.**

|  |            |            |
|--|------------|------------|
| Appropriation . . . . .  |            | \$3,000 00 |
| John A. Kenrick, treasurer, labor,<br>men and teams, highway de-<br>partment . . . . . | \$2,856 00 |            |
| David Jackson, horse . . . . .   | 250 00     |            |
| Sabin & Page, horse covers . . . . .   | 20 00      |            |
| W. E. Porter, material and labor . . . . .   | 53 45      |            |
| Charles A. Cole, material and labor . . . . .  | 5 00       |            |
| R. O. Evans, material and labor . . . . .  | 2 50       |            |
|  |            | <hr/>      |
| Total, as per item No. 35 of expenses . . . . .  |            | \$3,186 95 |
|  |            | <hr/>      |
| Balance overdrawn, transferred into treasury . . . . .                                 |            | \$186 95   |

**Salaries.**

|  |             |             |
|--|-------------|-------------|
| Appropriation . . . . .  |             | \$14,300 00 |
| J. Wesley Kimball, mayor . . . . .                                   | \$1,000 00  |             |
| Isaac F. Kingsbury, city clerk . . . . .                             | 2,000 00    |             |
| John A. Kenrick, city treasurer,<br>and collector of taxes . . . . . | 2,700 00    |             |
| Benjamin F. Otis, city auditor . . . . .                             | 2,000 00    |             |
| Winfield S. Slocum, city solicitor . . . . .                         | 1,000 00    |             |
| Isaac Hagar, chairman of board of<br>assessors . . . . .             | 1,200 00    |             |
| Samuel M. Jackson, assessor . . . . .                                | 750 00      |             |
| Howard B. Coffin, assessor . . . . .                                 | 750 00      |             |
| J. D. Wellington, city messenger . . . . .                           | 1,100 00    |             |
| J. D. Wellington, sealer of weights<br>and measures . . . . .        | 75 00       |             |
| Albert S. Glover, clerk of com-<br>mon council . . . . .             | 199 99      |             |
| Moses Clark, jun., deputy collector . . . . .                        | 1,100 00    |             |
|  |             | <hr/>       |
| <i>Amounts carried forward</i>                                       | \$13,874 99 | \$14,300 00 |

|  |             |             |
|--|-------------|-------------|
| <i>Amounts brought forward,</i>                | \$13,874 99 | \$14,300 00 |
| Dexter Whipple, assistant assessor,            |             |             |
| Ward 1 . . . . .                               | 52 00       |             |
| Elihu Smead, assistant assessor,               |             |             |
| Ward 2 . . . . .                               | 88 00       |             |
| O. F. Lucas, assistant assessor,               |             |             |
| Ward 3 . . . . .                               | 53 50       |             |
| Rufus Moulton, assistant assessor              |             |             |
| Ward 4 . . . . .                               | 68 00       |             |
| S. N. Woodward, assistant assessor,            |             |             |
| Ward 5 . . . . .                               | 60 00       |             |
| George Warren, assistant assessor,             |             |             |
| Ward 6 . . . . .                               | 80 00       |             |
| John Warner, assistant assessor,               |             |             |
| Ward 7 . . . . .                               | 70 00       |             |
|  | <hr/>       |             |
| Total as per item No. 36 of expenses .         |             | \$14,346 49 |
|  |             | <hr/>       |
| Balance overdrawn, transferred into treasury . |             | \$46 49     |

### Schools.

#### GENERAL APPROPRIATION, EDUCATIONAL DEPARTMENT.

|                                      |             |             |
|--------------------------------------|-------------|-------------|
| General appropriation for schools    | \$89,500 00 |             |
| Received from dog tax, by order      |             |             |
| of city council . . . . .            | 1,581 88    |             |
|                                      | <hr/>       |             |
|                                      | \$91,081 88 |             |
| Transferred to school incidentals    | 788 54      |             |
|                                      | <hr/>       |             |
| <i>Amount carried forward,</i> . . . |             | \$90,293 34 |

*Amount brought forward* . . . \$90,293 34

## EXPENDITURES IN DETAIL.

|   |                  |
|---|------------------|
| John E. Kimball, superintendent               | \$1,620 00       |
| Thomas Emerson, superintendent                | 1,080 00         |
| Isaac Hagar, secretary school board . . . . . | 300 00           |
|   | <hr/> \$3,000 00 |

## HIGH SCHOOL.

|                                   |                   |
|-----------------------------------|-------------------|
| Edward H. Cutler, head master .   | 2,800 00          |
| Ezra W. Sampson, master . .       | 2,000 00          |
| S. Warren Davis, assistant master | 1,568 75          |
| Caroline Spear, assistant . .     | 1,000 00          |
| S. Alice Worcester, assistant .   | 1,000 00          |
| M. Abby Smith, assistant . .      | 1,000 00          |
| Maybell P. Davis, assistant .     | 1,000 00          |
| Evelyn Rich, assistant . .        | 968 75            |
| S. Alice Ranlett, assistant . .   | 337 50            |
| Lida P. Underhill, assistant .    | 265 50            |
|                                   | <hr/> \$14,940 50 |

## SPECIAL TEACHERS.

|  |        |
|--|--------|
| Adeline V. Pond, drawing and writing . . . . .         | 800 00 |
| Jennie E. Ireson, calisthenics and elocution . . . . . | 500 00 |
| Timothy L. Roberts, music . .                          | 937 50 |
| Isaac H. Houghton, military drill                      | 250 00 |
| Henry S. Dewey, military drill .                       | 40 00  |
| Ellen L. Bond, sewing . .                              | 450 00 |
| Julia Grant, sewing . . . . .                          | 450 00 |

*Amounts carried forward,* . \$18,368 00 \$90,293 34

*Amounts brought forward,*                 \$18,368 00         \$90,293 34

## MASON SCHOOL.

|                                     |     |             |
|-------------------------------------|-----|-------------|
| Albert L. Harwood, master           | .   | 1,900 00    |
| Sarah H. Munger, head assistant     |     | 243 75      |
| Della E. Dodge, head assistant      | .   | 701 25      |
| Ellen S. Baker, assistant           | . . | 405 00      |
| Maria F. Wood, assistant            | . . | 600 00      |
| Mary Tenney, assistant              | . . | 600 00      |
| Margaret Martin, assistant          | . . | 600 00      |
| Myra A. Wilson, assistant           | . . | 600 00      |
| Ellen M. Cook, assistant            | . . | 600 00      |
| Annie E. Bancroft, assistant        | .   | 456 25      |
| Susan C. Wood, assistant            | . . | 375 00      |
| Lizzie S. Friend, assistant         | . . | 375 00      |
| Fannie E. Longfellow, assistant     | .   | 187 50      |
| Alice F. Friend, substitute teacher |     | 6 75        |
| Addie Scott, substitute teacher     | .   | 2 25        |
|                                     |     | <hr/>       |
|                                     |     | \$26,020 75 |

## OAK HILL SCHOOL.

|                             |   |        |
|-----------------------------|---|--------|
| C. Howard Wilson, principal | . | 750 00 |
|-----------------------------|---|--------|

## THOMPSONVILLE SCHOOL.

|                           |     |        |
|---------------------------|-----|--------|
| Helen A. Davis, principal | . . | 750 00 |
|---------------------------|-----|--------|

## HYDE SCHOOL.

|                                    |           |          |
|------------------------------------|-----------|----------|
| George A. Moore, master            | . .       | 1,637 50 |
| Charlotte E. Cameron, head assist- |           |          |
| ant                                | . . . . . | 750 00   |
| Gertrude Blackmar, assistant       | .         | 568 75   |

*Amounts carried forward,*                 \$30,477 00         90,293 34

|                                 |             |             |
|---------------------------------|-------------|-------------|
| <i>Amounts brought forward</i>  | \$30,477 00 | \$90,293 34 |
| Mabel R. Wetherbee, assistant   | 600 00      |             |
| Phebe E. Churchill, assistant   | 600 00      |             |
| A. A. Scott, substitute teacher | 3 15        |             |

## PROSPECT SCHOOL.

|                                    |          |  |
|------------------------------------|----------|--|
| Walter C. Frost, master            | 1,187 50 |  |
| Charles E. Hussey, master          | 562 50   |  |
| Martha L. Perkins, head assistant  | 750 00   |  |
| Ella F. Crooker, assistant         | 600 00   |  |
| Lucy A. Hayward, assistant         | 600 00   |  |
| Lizzie W. Everett, assistant       | 600 00   |  |
| Mary P. Fanning, assistant         | 600 00   |  |
| Jennie Freeman, substitute teacher | 4 50     |  |

## HAMILTON SCHOOL

|                               |          |  |
|-------------------------------|----------|--|
| Luther E. Leland, master      | 1,900 00 |  |
| Anna G. Swain, head assistant | 750 00   |  |
| Ellen M. Leland, assistant    | 600 00   |  |
| Sarah H. Jumper, assistant    | 600 00   |  |

## WILLIAMS SCHOOL.

|                                    |          |  |
|------------------------------------|----------|--|
| George L. Chandler, master         | 1,900 00 |  |
| Elizabeth A. Pinnock, head assis't | 412 50   |  |
| Laura Saltonstall, assistant       | 600 00   |  |
| Hattie A. Ingraham, assistant      | 568 75   |  |
| Ann B. Smith, assistant            | 600 00   |  |
| Dora A. Allen, assistant           | 518 75   |  |
| Louise N. Burbank, assistant       | 375 00   |  |
| Rose A. Harkins, assistant         | 187 50   |  |

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|                                |             |             |
|--------------------------------|-------------|-------------|
| <i>Amounts carried forward</i> | \$45,597 15 | \$90,293 34 |
|--------------------------------|-------------|-------------|



|                                      |   |             |             |
|--------------------------------------|---|-------------|-------------|
| <i>Amounts brought forward,</i>      | . | \$45,957 15 | \$90,293 34 |
| Ella M. Harrigan, substitute teacher | . | 140 63      |             |
| Harriet N. Sands, substitute teacher | . | 112 50      |             |
| Annie A. Jackson, substitute teacher | . | 15 38       |             |
| Carrie L. Mills, substitute teacher  |   | 4 32        |             |

## PIERCE SCHOOL.

|                                 |   |          |  |
|---------------------------------|---|----------|--|
| Levi F. Warren, master          | . | 1,900 00 |  |
| Sarah A. Warren, head assistant | . | 750 00   |  |
| M. Alice Warren, assistant      | . | 568 75   |  |
| Eliza E. Simmons, assistant     | . | 600 00   |  |
| Helen S. Tolman, assistant      | . | 518 75   |  |

## DAVIS SCHOOL.

|                              |   |        |  |
|------------------------------|---|--------|--|
| Ella G. Bates, principal     | . | 750 00 |  |
| Calista S. Wood, assistant   | . | 600 00 |  |
| Susan E. Copeland, assistant | . | 600 00 |  |
| Sarah E. Foster, assistant   | . | 600 00 |  |
| Jennie M. Daniels, assistant | . | 337 50 |  |
| Gertrude A. Elder, assistant | . | 22 50  |  |

## FRANKLIN SCHOOL.

|                                 |   |        |  |
|---------------------------------|---|--------|--|
| Elizabeth F. Paddock, principal | . | 750 00 |  |
| M. Isabel Jenkins, assistant    | . | 600 00 |  |
| Emma J. Thompson, assistant     | . | 255 00 |  |
| Emma T. Weeks, assistant        | . | 345 00 |  |
| Margaret A. Mague, assistant    | . | 568 75 |  |

|                                |  |                    |                    |
|--------------------------------|--|--------------------|--------------------|
| <i>Amounts carried forward</i> |  | <u>\$55,636 23</u> | <u>\$90,293 34</u> |
|--------------------------------|--|--------------------|--------------------|



*Amounts brought forward* . \$55, 636 23 \$90,293 34

## ADAMS SCHOOL.

|  |   |          |
|--|---|----------|
| William A. Spinney, master               | . | 1,900 00 |
| V. E. Hapgood, head assistant            | . | 750 00   |
| Estella M. Haynes, assistant             | . | 600 00   |
| Abbie J. Fiske, assistant                | . | 568 75   |
| Angelia A. Smith, assistant              | . | 518 75   |
| Lilian G. Hayden, assistant              | . | 237 50   |
| Mrs. C. W. Morehouse, substitute teacher | . | 7 12     |
| Kate Mellish, substitute teacher         | . | 3 94     |
| May Tufts, substitute teacher            | . | 2 07     |

## CLAFLIN SCHOOL.

|                                      |   |          |
|--------------------------------------|---|----------|
| Herbert F. Sylvester, master         | . | 1,218 75 |
| Lilla T. Wilder, head assistant      | . | 656 25   |
| Mary R. Ware, assistant              | . | 375 00   |
| Lizzie Jones, assistant              | . | 600 00   |
| Lydia A. Brierly, assistant          | . | 396 00   |
| Ellen M. Harrigan, assistant         | . | 287 50   |
| Ellen S. Tewksbury, assistant        | . | 187 50   |
| Ella M. Donkin, substitute teacher   |   | 2 25     |
| Carrie L. Mills, substitute teacher  |   | 2 25     |
| Annie F. Merrill, substitute teacher |   | 2 25     |

## ELIOT SCHOOL.

|                                    |   |          |
|------------------------------------|---|----------|
| George G. Edwards, master          | . | 1,637 50 |
| H. Augusta Millard, head assistant | . | 656 25   |
| Louise W. Clelland, assistant      | . | 600 00   |
| Abbie J. Clark, assistant          | . | 600 00   |
| Belle Blodget, substitute teacher  | . | 24 38    |
| R. C. Buchanan, substitute teacher |   | 2 25     |

*Amounts carried forward,* . \$67,472 49 \$90,293 34

*Amounts brought forward,*            \$67,472 49    \$90,293 34

JACKSON SCHOOL.

|                                  |        |
|----------------------------------|--------|
| Eliza J. Lovely, principal . . . | 600 00 |
| Gertrude G. Tewksbury, assistant | 568 75 |
| Lottie E. Stearns, assistant .   | 537 50 |
| Gertrude H. Smead, assistant .   | 494 37 |
| Mary A. Wellington, assistant    | 332 50 |
| Grace Dalby, substitute teacher  | 3 76   |

BIGELOW SCHOOL.

|  |          |
|--|----------|
| H. Chapin Sawin, master . . .                    | 1,900 00 |
| Martha M. Bakeman, head assist-<br>ant . . . . . | 750 00   |
| Annie E. George, assistant .                     | 600 00   |
| S. Louise Shelton, assistant .                   | 600 00   |
| Augusta A. Lintell, assistant .                  | 600 00   |
| Emily J. Dyer, assistant . .                     | 518 75   |
| Elizabeth Ayles, assistant . .                   | 518      |
| Clara A. Farwell, assistant .                    | 72 00    |

UNDERWOOD SCHOOL.

|                                     |        |
|-------------------------------------|--------|
| Emma M. Cleary, principal .         | 337 50 |
| Charlotte E. Sewall, principal .    | 334 69 |
| Annie L. Wood, assistant . .        | 600 00 |
| Josephine W. Littlefield, assistant | 600 00 |
| Ada L. Donkin, assistant . .        | 443 75 |
| Ella M. Donkin, assistant . .       | 120 75 |
| Lizzie C. Clark, assistant . .      | 90 00  |
| Nellie B. Littlefield, assistant .  | 31 50  |

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*Amounts carried forward,*            \$78,127 06    \$90,293 34

*Amounts brought forward, .*      \$78,127 06    \$90,293 34

## LINCOLN SCHOOL.

|                                  |        |
|----------------------------------|--------|
| Nellie B. Rand, principal . . .  | 600 00 |
| Rose A. Harkins, assistant . . . | 187 50 |

## JANITORS.

|  |        |
|--|--------|
| John Cummings, High . . .                                | 650 04 |
| Thomas Woodman, Mason . . .                              | 540 00 |
| John Mohr, Thompsonville . . .                           | 96 00  |
| Willie E. Wiswall, Oak Hill . . .                        | 72 00  |
| Herman Esty, Oak Hill . . .                              | 24 00  |
| Enoch Houston, Hyde . . .                                | 300 00 |
| Joshua L. Randall, Prospect . . .                        | 360 00 |
| James H. Boit, Hamilton . . .                            | 224 00 |
| Martin Walsh, Williams . . .                             | 343 36 |
| Thomas Johnson, Pierce and Davis                         | 443 36 |
| Bridget Cox, Franklin . . .                              | 213 36 |
| Mary Delaney, Adams . . .                                | 244 00 |
| John Dorney, Claffin . . .                               | 320 00 |
| James Dunn, Eliot . . .                                  | 282 50 |
| Mary Walsh, Jackson . . .                                | 240 00 |
| John McCamman, Bigelow, Under-<br>wood and Lincoln . . . | 649 28 |

## FUEL.

|   |          |
|---|----------|
| Albert Brackett, coal . . .                     | 3,894 86 |
| C. F. Eddy & Co, coal and wood                  | 1,982 24 |
| Almshouse department, wood . . .                | 310 50   |
| George Warren & Co., coal and<br>wood . . . . . | 140 13   |
| T. W. Nickelson, coal and wood . . .            | 43 15    |
| Trowbridge & Hill coal . . .                    | 6 00     |

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Total, as per item No. 37 of expenses .      \$90,293 34

**School Incidentals.**

|   |             |             |
|---|-------------|-------------|
| Appropriation . . . .   | \$9,000 00  |             |
| Additional appropriation, for purchase of books, by order of City Council . . . . | 5,500 00    |             |
| Transferred from general appropriation for schools . . . .                        | 788 54      |             |
| Transferred from appropriation for industrial and mechanical drawing . . . . .    | 230 00      |             |
| Transferred from appropriation for evening schools . . . .                        | 30 91       |             |
|   | <hr/>       | \$15,549 45 |
| Knight, Adams & Co., books, stationery, etc., . . . .                             | \$7,990 47  |             |
| Cowperthwait & Co., books, . . . .  | 44 37       |             |
| T. W. Gilson, books . . . .   | 22 05       |             |
| Iverson, Blakeman, Taylor & Co., books . . . . .                                  | 17 10       |             |
| Charles H. Whiting, books . . . .   | 11 34       |             |
| Robert S. Davis & Co., books . . . .  | 8 64        |             |
| C. E. Bruce, books . . . . .  | 6 00        |             |
| D. Lathrop & Co., books . . . .   | 3 90        |             |
| Drew, Allis & Co., maps . . . .   | 15 00       |             |
| J. D. F. Brooks, rebinding books . . . .  | 79 80       |             |
| Henry McElwain, black-boards . . . .  | 284 57      |             |
| Alfred Mudge & Son, printing reports, etc., . . . . .                             | 373 75      |             |
| George H. Pratt, printing, etc., . . . .  | 252 70      |             |
| A. G. Whitcomb, school furniture . . . .  | 1,717 36    |             |
| Standard School Furniture Co., school furniture . . . . .                         | 194 05      |             |
|   | <hr/>       |             |
| <i>Amounts carried forward,</i>   | \$11,021 10 | \$15,549 45 |



|  |                   |                   |
|--|-------------------|-------------------|
| <i>Amounts brought forward</i>                                 | \$11,021 10       | \$15,549 45       |
| Holland & Daniels, window shades,<br>etc., . . . . .           | 368 00            |                   |
| George T. Weston, window shades,<br>etc., . . . . .            | 34 80             |                   |
| J. B. Newell, window shades, etc.,                             | 12 00             |                   |
| Thomas Sinclair, window shades,<br>etc., . . . . .             | 5 00              |                   |
| William Read & Son, 150 guns .                                 | 961 50            |                   |
| Water Department, use of water                                 | 668 00            |                   |
| James Claffy, cleaning vaults .                                | 217 19            |                   |
| J. H. Daniels, diplomas for grad-<br>uating class . . . . .    | 93 65             |                   |
| S. C. Ayres, clocks and repairing                              | 131 75            |                   |
| George W. Choate, repairs on<br>clocks . . . . .               | 39 00             |                   |
| A. Phipps, repairs on clocks . . .                             | 15 50             |                   |
| A. J. Macomber, repairs on clocks                              | 13 50             |                   |
| E. W. Sampson, sundry cash ex-<br>penses . . . . .             | 119 30            |                   |
| Miss Julia Grant, sundry cash ex-<br>penses . . . . .          | 29 00             |                   |
| H. M. Allen, sundry cash expenses                              | 25 00             |                   |
| Miss Ellen L. Bond, sundry cash<br>expenses . . . . .          | 14 00             |                   |
| John E. Kimball, sundry cash ex-<br>penses . . . . .           | 10 75             |                   |
| W. C. Frost, sundry cash expenses                              | 3 31              |                   |
| George E. Bridges, taking census<br>of children from 5 to 15 . | 65 00             |                   |
| N. & W. Gas Light Co., gas .                                   | 45 03             |                   |
| Martin Walsh, cleaning Williams<br>schoolhouse . . . . .       | 53 00             |                   |
| <i>Amounts carried forward,</i>                                | <hr/> \$13,945 38 | <hr/> \$15,549 45 |

|  |                   |                   |
|--|-------------------|-------------------|
| <i>Amounts brought forward,</i>                          | \$13,945 38       | \$15,549 45       |
| James D. Henthorn, services as truant officer . . . . .  | 25 00             |                   |
| Charles O. Davis, services as truant officer . . . . .   | 25 00             |                   |
| John Ryan, services as truant officer . . . . .          | 25 00             |                   |
| John Purcill, services as truant officer . . . . .       | 25 00             |                   |
| Charles P. Huestis, services as truant officer . . . . . | 25 00             |                   |
| George H. Brown, tuning pianos                           | 37 00             |                   |
| William C. Hill, tuning pianos .                         | 5 00              |                   |
| Woodward & Brown, polishing piano . . . . .              | 6 00              |                   |
| T. L. Roberts, tuning forks . .                          | 3 25              |                   |
| F. H. Hunting, expressage . .                            | 42 50             |                   |
| G. L. Pearson, expressage . .                            | 18 75             |                   |
| C. H. Jenison, expressage . .                            | 12 80             |                   |
| Johnson & Keyes, expressage .                            | 8 75              |                   |
| Bullard's Express, expressage .                          | 5 00              |                   |
| Eben Smith, framing diplomas .                           | 20 00             |                   |
| H. A. Spear, conveyance of sewing teacher . . . . .      | 18 50             |                   |
| G. M. D. Fernald, repairing fixtures . . . . .           | 14 76             |                   |
| Thomas Johnson, removing ashes                           | 6 90              |                   |
| James H. Boit, removing ashes .                          | 2 50              |                   |
| Joseph Breck & Sons, wheelbarrow . . . . .               | 5 60              |                   |
| Asahel Wheeler, chloride of lime .                       | 5 00              |                   |
| Emma A. Page, covering books .                           | 2 65              |                   |
| <i>Amounts carried forward</i>                           | <hr/> \$14,285 34 | <hr/> \$15,549 45 |











|  |             |             |
|--|-------------|-------------|
| <i>Amounts brought forward,</i>                      | \$14,285 34 | \$15,549 45 |
| Albert E. Leach, covering books .                    | 2 50        |             |
| J. D. F. Betts, fitting keys . . .                   | 2 00        |             |
| William Delaney, moving furniture                    | 2 00        |             |
| John Farrell, moving desks . . .                     | 2 00        |             |
| William F. Soule, material and<br>labor . . . . .    | 99 25       |             |
| Higgins & Nickerson, material and<br>labor . . . . . | 98 21       |             |
| James Dunn, material and labor .                     | 74 08       |             |
| O. F. Lucas, material and labor .                    | 65 66       |             |
| J. C. Farrar, material and labor .                   | 52 85       |             |
| Isaac Smith, material and labor .                    | 40 35       |             |
| Milo Lucas, material and labor .                     | 36 92       |             |
| O. B. Leavitt, material and labor .                  | 33 61       |             |
| James McGourty, material and<br>labor . . . . .      | 21 48       |             |
| Allen Jordan, material and labor .                   | 21 33       |             |
| Eben C. Clark, material and labor                    | 20 87       |             |
| W. B. Alexander, material and<br>labor . . . . .     | 18 96       |             |
| L. A. Ross, material and labor .                     | 15 56       |             |
| Thompson & Odell, material and<br>labor . . . . .    | 14 05       |             |
| John E. Coleman, material and<br>labor . . . . .     | 14 01       |             |
| Charles S. Phillips, material and<br>labor . . . . . | 13 71       |             |
| R. Freeman, material and labor .                     | 7 60        |             |
| Ralph Davenport, material and<br>labor . . . . .     | 6 13        |             |
| C. G. Fletcher, material and labor                   | 6 00        |             |
| <i>Amounts carried forward,</i>                      | \$14,954 47 | \$15,549 45 |



|  |             |             |
|--|-------------|-------------|
| <i>Amounts brought forward;</i>                      | \$14,954 47 | \$15,549 45 |
| John F. Franklin, material and labor . . . . .       | 5 25        |             |
| Walworth Manufacturing Company, material and labor . | 5 21        |             |
| D. H. McWaine, material and labor                    | 3 75        |             |
| Murray & Farrell, material and labor . . . . .       | 3 65        |             |
| Edward Pike, material and labor .                    | 3 60        |             |
| Robbins & Healy, material and labor . . . . .        | 3 00        |             |
| W. E. Holmes, material and labor                     | 2 95        |             |
| G. B. Randall, material and labor                    | 2 50        |             |
| Peabody & Whitney supplies .                         | 315 52      |             |
| Thayer & Stiles, supplies . .                        | 70 21       |             |
| H. F. Wellington, supplies . .                       | 65 31       |             |
| George S. Perry, supplies . .                        | 20 90       |             |
| Oscar F. Howe, supplies . .                          | 13 65       |             |
| C. W. Morehouse, supplies . .                        | 12 98       |             |
| J. E. Trowbridge, supplies . .                       | 9 06        |             |
| J. J. McNutt, supplies . .                           | 6 62        |             |
| J. A. Swasey, supplies . .                           | 5 00        |             |
| C. C. Cook, supplies . . . .                         | 4 90        |             |
| Barber Bros., supplies . .                           | 3 35        |             |
| Boynton & Marsh, supplies . .                        | 3 13        |             |
| Hektograph Manu'f. Co., supplies                     | 3 04        |             |
| Amory Hall, supplies . . . .                         | 3 00        |             |
| W. O. Knapp & Co., supplies .                        | 2 86        |             |
| H. S. Williams, supplies . .                         | 2 54        |             |
| J. L. Randall, supplies . .                          | 2 50        |             |
| Mrs. H. M. Quimby, supplies .                        | 2 40        |             |
| Sundry small bills . . . .                           | 15 90       |             |
| Total, as per item No. 38 of expenses, .             |             | 15,547 25   |
| Balance unexpended, transferred into treasury,       |             | \$2 20      |

**Sidewalks and Street Crossings.**

|   |            |            |
|---|------------|------------|
| Appropriation . . . . .   | \$6,000 00 |            |
| Transferred from appropriation<br>for gravel land . . . . .                           | 800 00     |            |
|   |            | <hr/>      |
|   |            | \$6,800 00 |
| John A. Kenrick, treasurer, labor<br>men and teams, highway de-<br>partment . . . . . | \$3,519 90 |            |
| Simpson Bros., concreting . . . . .   | 3,043 90   |            |
| Noah Prescott, stone . . . . .  | 192 14     |            |
| Boston & Albany Railroad, freight   | 32 00      |            |
| T. F. Frobusher, refund of bill . . . . .   | 6 12       |            |
|   |            | <hr/>      |
| Total, as per item No. 39 of expenses . . . . .                                       |            | 6,794 06   |
|   |            | <hr/>      |
| Balance unexpended, transferred into treasury . . . . .                               |            | \$5 94     |

**Sinking Fund, City Debt.**

|   |             |
|---|-------------|
| Appropriation . . . . .   | \$20,800 00 |
| Amount paid Commissioners of<br>sinking fund, as per item No.<br>40 of expenses . . . . . | \$20,800 00 |

**Sinking Fund, Water Bonds.**

|  |             |
|--|-------------|
| Appropriation . . . . .  | \$16,000 00 |
| Amount paid Commissioners of<br>sinking fund as per item No. 41<br>of expenses . . . . . | \$16,000 00 |

**State Aid.**

|   |            |
|---|------------|
| Appropriation . . . . .                       | \$1,000 00 |
| Benjamin E. Sweetland . . . . .               | \$93 50    |
| William Watson . . . . .                      | 72 00      |
| Thomas Dolan . . . . .                        | 48 00      |
| M. Hagarty . . . . .                          | 48 00      |
| Eliza M. Jackson . . . . .                    | 48 00      |
| Elizabeth Burke . . . . .                     | 48 00      |
| Mary Duran . . . . .                          | 48 00      |
| Anna C. Boyd . . . . .                        | 48 00      |
| Sarah Fell . . . . .                          | 48 00      |
| Catherine McAleer . . . . .                   | 48 00      |
| Agnes Myers . . . . .                         | 48 00      |
| Bridget A. Wright . . . . .                   | 48 00      |
| George Hutchinson . . . . .                   | 44 00      |
| Thomas Dennon . . . . .                       | 38 00      |
| Ann Duval . . . . .                           | 36 00      |
| Bridget Madden . . . . .                      | 32 00      |
| N. D. Tibbetts . . . . .                      | 18 00      |
| Thomas Probert . . . . .                      | 16 00      |
| Fannie D. Cassell . . . . .                   | 4 00       |
| Patrick Carrigan . . . . .                    | 4 00       |
| <hr/>   |            |
| Total, as per item No. 42 of expenses         | \$837 50   |
| <hr/>   |            |
| Balance unexpended, transferred into treasury | \$162 50   |

**Street-Light Department.**

|  |             |
|--|-------------|
| Appropriation . . . . .  | \$20,250 00 |
| Newton and Watertown Gaslight<br>Co., gas, and care of street-<br>lamps, (gas) . . . . . | \$13,416 40 |
| <hr/>  |             |
| <i>Amounts carried forward</i> . . . . .   | \$13,416 40 |
| <hr/>  |             |
|  | \$20,250 00 |

|  |                    |                    |
|--|--------------------|--------------------|
| <i>Amounts brought forward,</i>  | \$13,416 40        | \$20,250 00        |
| Newton and Watertown Gaslight<br>Co., oil and care of street-lamps,<br>(oil) . . . . . | 2,828 37           |                    |
| Newton and Watertown Gaslight<br>Co., glass, repairs, etc., .                          | 401 16             |                    |
| Newton and Watertown Gaslight<br>Co., painting posts & lanterns                        | 210 75             |                    |
| Wheeler Reflector Company, light-<br>ing and care of street-lamps                      | 1,006 88           |                    |
| The Ritchie Street-lighting Co.,<br>lighting and care of street-<br>lamps . . . . .    | 916 50             |                    |
| George A. Torrey, lighting and<br>care of street-lamps . . .                           | 257 60             |                    |
| W. J. Towne, material, care of<br>lamp, etc., . . . . .                                | 11 30              |                    |
| Nathaniel Tufts, lanterns, etc., .   | 488 13             |                    |
| Davis and Farnum Manu'f. Co.,<br>iron posts . . . . .                                  | 324 00             |                    |
| W. B. Berry & Co., lanterns and<br>posts . . . . .                                     | 185 25             |                    |
| C. A. Gowell, setting lamp-posts,<br>etc., . . . . .                                   | 36 00              |                    |
| Timothy O'Leary, setting lamp-<br>posts, etc., . . . . .                               | 20 50              |                    |
| Thomas Hart, setting lamp-posts,<br>etc., . . . . .                                    | 18 53              |                    |
| James Scully, setting lamp-posts,<br>etc., . . . . .                                   | 5 00               |                    |
| J. C. Farrar, repairs on lanterns  | 7 75               |                    |
| J. E. Trowbridge, repairs on lanterns  | 5 85               |                    |
| <i>Amounts carried forward</i>   | <u>\$20,139 97</u> | <u>\$20,250 00</u> |

|  |                |             |
|--|----------------|-------------|
| <i>Amounts brought forward</i>                 | . \$20, 139 97 | \$90,193 34 |
| D. J. O'Donnell, repairs on lanterns           | 4 35           |             |
| Alta Manufacturing Co., supplies               | 3 45           |             |
| S. F. Cate, use of team . . .                  | 3 00           |             |
| C. H. Jenison, expressage . . .                | 1 75           |             |
|  |                | <hr/>       |
| Total, as per item No. 43 of expenses,         |                | 20,152 52   |
|  |                | <hr/>       |
| Balance unexpended, transferred into treasury, |                | \$97 48     |

#### George A. Torrey.

|  |         |
|--|---------|
| Paid to George A. Torrey, amount<br>deposited to guaranty con-<br>tract, as per item No. 44 of<br>expenses . . . . . | \$50 00 |
|--|---------|

#### Taxes, 1884.—State.

|   |             |
|---|-------------|
| Amount assessed for State tax . . . . .                                     | \$32,180 00 |
| Amount paid to state treasurer, as per item<br>No. 45 of expenses . . . . . | \$32,180 00 |

#### Taxes 1884.—County.

|  |             |
|--|-------------|
| Amount assessed for county tax . . . . .                                     | \$14,801 80 |
| Amount paid to county treasurer, as per item<br>No. 46 of expenses . . . . . | \$14,801 80 |

#### Taxes, 1884.—National Bank.

|  |            |
|--|------------|
| Amounts paid to Commonwealth of Massachu-<br>setts for non-residents of Newton, National<br>Bank Shares, as per item No. 47 of ex-<br>penses . . . . . | \$1,270 92 |
|--|------------|



**Temporary Loans.—1884.**

|   |           |    |
|---|-----------|----|
| April 9. Paid Suffolk Savings In-       |           |    |
| stitution . . . . .                     | \$30,000  | 00 |
| April 28. Paid Suffolk Savings          |           |    |
| Institution . . . . .                   | 60,000    | 00 |
| Nov. 5. Paid Commonwealth of            |           |    |
| Massachusetts . . . . .                 | 40,000    | 00 |
| Nov. 5. Paid Suffolk Savings In-        |           |    |
| stitution . . . . .                     | 60,000    | 00 |
| Nov. 6. Paid National Bank of           |           |    |
| Redemption . . . . .                    | 65,000    | 00 |
| Nov. 6. Paid New England Trust          |           |    |
| Company . . . . .                       | 35,000    | 00 |
| Nov. 27. Paid New England Trust         |           |    |
| Company . . . . .                       | 30,000    | 00 |
| Total, as per item No. 48 of expenses . | \$320,000 | 00 |

**Use of Hydrants.**

|   |         |    |
|---|---------|----|
| Appropriation . . . . .                 | \$8,000 | 00 |
| Water department . . . . .              | \$8,000 | 00 |
| Total, as per item No. 49 of expenses . | \$8,000 | 00 |

**Water Maintenance.**

|                                      |          |    |
|--------------------------------------|----------|----|
| Appropriation . . . . .              | \$13,500 | 00 |
| Albert S. Glover, services as regis- |          |    |
| trar . . . . .                       | 1,800    | 00 |
| Albert S. Glover, sundry cash ex-    |          |    |
| penses . . . . .                     | 39       | 25 |
| H. N. Hyde, Jr., services as super-  |          |    |
| intendent . . . . .                  | 1,500    | 00 |
| <i>Amounts carried forward,</i> .    | \$3,339  | 25 |
|                                      | \$13,500 | 00 |



|   |                    |                    |
|---|--------------------|--------------------|
| <i>Amounts brought forward,</i>                               | \$3,339 25         | \$13,500 00        |
| H. N. Hyde, Jr., sundry cash ex-<br>penses . . . . .          | 36 92              |                    |
| J. C. Whitney, services as inspector                          | 624 00             |                    |
| Thomas Coughlan, services as en-<br>gineer . . . . .          | 1,200 00           |                    |
| George H. Bourne, clerical services                           | 24 00              |                    |
| Pay-rolls of laborers . . . . .                               | 3,557 17           |                    |
| Hills, Bullens & Co., coal . . . . .                          | 2,241 85           |                    |
| Albert Brackett, coal . . . . .                               | 36 72              |                    |
| Daniel Sullivan, wood . . . . .                               | 93 00              |                    |
| James E. Cahill, wood . . . . .                               | 64 00              |                    |
| T. W. Nickelson, carting coal . . . . .                       | 108 24             |                    |
| T. Albert Ward, care of reservoir                             | 50 00              |                    |
| H. W. Leach, castings, etc., . . . . .                        | 291 78             |                    |
| F. Murphy, hose . . . . .                                     | 163 33             |                    |
| American Fire Hose Manu'f. Co.,<br>hose, etc., . . . . .      | 59 40              |                    |
| Jarvis Engineering Co., foot lathe                            | 126 00             |                    |
| Isaac Smith, material and labor . . . . .                     | 162 30             |                    |
| J. D. Billings, material and labor                            | 111 82             |                    |
| Walworth Manu'f. Co., material<br>and labor . . . . .         | 93 75              |                    |
| Kendall & Roberts, material and<br>labor . . . . .            | 42 57              |                    |
| Boston Machine Manu'f. Co, mat-<br>erial and labor . . . . .  | 37 98              |                    |
| Davis and Farnum Manu'f. Co.,<br>material and labor . . . . . | 28 77              |                    |
| Pettee Machine Works, material<br>and labor . . . . .         | 15 71              |                    |
| <i>Amounts carried forward</i> . . . . .                      | <u>\$12,508 56</u> | <u>\$13,500 00</u> |

|   |                    |                    |
|---|--------------------|--------------------|
| <i>Amounts brought forward,</i>                           | \$12,508 56        | \$13,500 00        |
| W. P. Leavitt & Son, material and labor . . . . .         | 11 91              |                    |
| R. Curry, material and labor . . . . .                    | 9 86               |                    |
| J. H. Cushman, material and labor . . . . .               | 7 20               |                    |
| Cranitch & Horrigan, material and labor . . . . .         | 6 69               |                    |
| O. B. Leavitt, material and labor . . . . .               | 4 32               |                    |
| Quincy Harrington, material and labor . . . . .           | 3 00               |                    |
| E. W. Hodgson, material and labor . . . . .               | 2 08               |                    |
| Murray & Farrell, blacksmithing . . . . .                 | 111 80             |                    |
| B. F. Barlow, blacksmithing . . . . .                     | 20 49              |                    |
| Hartford Steam Boiler Insurance Co. policy . . . . .      | 45 00              |                    |
| E. Smead & Co., grain . . . . .                           | 46 98              |                    |
| Leonard and Ellis, oil . . . . .                          | 70 52              |                    |
| Vacuum Oil Company, oil . . . . .                         | 35 15              |                    |
| Timothy Stuart, labor, men and teams . . . . .            | 27 43              |                    |
| D. D. Skillings, use of barge . . . . .                   | 15 00              |                    |
| N. & W. Gas Light Co., gas . . . . .                      | 6 93               |                    |
| L. C. Tolman, hay . . . . .                               | 4 30               |                    |
| Almshouse dept., hay . . . . .                            | 4 01               |                    |
| S. T. Ball, pasturing horse . . . . .                     | 3 75               |                    |
| Joel Goldthwait, mat . . . . .                            | 3 38               |                    |
| George Baker, material and labor . . . . .                | 3 00               |                    |
| George H. Pratt, printing . . . . .                       | 2 25               |                    |
| M. Bunker, attendance upon sick horse . . . . .           | 2 17               |                    |
| Stephen F. Cate, barge service and use of teams . . . . . | 177 50             |                    |
| <i>Amounts carried forward .</i>                          | <u>\$13,133 28</u> | <u>\$13,500 00</u> |

|   |             |             |
|---|-------------|-------------|
| <i>Amounts brought forward</i>                  | \$13,133 28 | \$13,500 00 |
| D. Harrington & Son, use of teams               | 18 67       |             |
| S. F. Hatchard, use of teams .                  | 10 00       |             |
| John T. Hill, use of teams . .                  | 6 00        |             |
| F. Jones, expressage . . .                      | 54 55       |             |
| A. Harris, expressage . . .                     | 6 00        |             |
| Frank R. Patch, expressage . .                  | 2 30        |             |
| Sherburne & Co., supplies . .                   | 29 43       |             |
| A. A. Savage, supplies . .                      | 12 63       |             |
| H. W. Wellington, supplies .                    | 12 25       |             |
| J. A. & W. Bird & Co., supplies                 | 9 92        |             |
| Ward & Curley, supplies . .                     | 8 00        |             |
| C. W. Trainer & Co., supplies .                 | 5 08        |             |
| Hall Rubber Co., supplies . .                   | 4 88        |             |
| Morss & Whyte, supplies . .                     | 4 50        |             |
| B. Billings, supplies . . .                     | 4 47        |             |
| C. W. Morehouse, supplies . .                   | 4 33        |             |
| W. H. Gallison, supplies . .                    | 4 00        |             |
| H. F. Jenks, supplies . . .                     | 3 50        |             |
| Sundry small bills . . .                        | 18 15       |             |
| Total, as per item No. 50 of expenses .         |             | 13,351 94   |
| Balance unexpended, transferred into treasury . |             | \$148 06    |

#### Water Meters and Service Pipe.

|  |            |            |
|--|------------|------------|
| Appropriation . . . . .  | \$5,000 00 |            |
| Transferred from receipts, by or-<br>der of City Council . . . | 600 00     |            |
|  |            | \$5,600 00 |
| Pay-rolls of laborers . . . .                                  | \$1,924 64 |            |
| National Meter Co., meters, etc.,                              | 2,196 60   |            |
| <i>Amounts carried forward</i> .                               | \$4,121 24 | \$5,600 00 |

|  |                  |                  |
|--|------------------|------------------|
| <i>Amounts brought forward,</i>                          | \$4,121 24       | \$5,600 00       |
| Union Water Meter Co., repairing<br>meters, etc. . . . . | 151 75           |                  |
| J. C. Whitney, services as inspector                     | 427 50           |                  |
| National Tube Works, pipe, etc.,                         | 343 82           |                  |
| E. Smead & Co., grain . . . .                            | 93 91            |                  |
| L. C. Tolman, hay . . . . .                              | 8 60             |                  |
| Almshouse Dept., hay . . . .                             | 8 01             |                  |
| H. N. Hyde, Jr., sundry cash ex-<br>penses . . . . .     | 22 57            |                  |
| B. F. Barlow, blacksmithing .                            | 39 79            |                  |
| J. McFaden, blacksmithing .                              | 5 25             |                  |
| Thomas Belger, blacksmithing .                           | 4 75             |                  |
| Murray & Farrell, blacksmithing                          | 2 49             |                  |
| D. Harrington & Son, use of teams                        | 25 82            |                  |
| S. F. Cate, use of teams . . . .                         | 2 00             |                  |
| Jenkins Bros., packing, etc., .                          | 14 25            |                  |
| Chapman Valve Manu'f. Co., valves,<br>etc., . . . . .    | 13 90            |                  |
| Boston & Albany Railroad, freight                        | 12 46            |                  |
| M. C. Laffie, serving notices .                          | 8 00             |                  |
| Robert Harrison, serving notices                         | 3 00             |                  |
| R. M. Lucas, serving notices .                           | 2 00             |                  |
| S. T. Ball, pasturing horse . . .                        | 7 50             |                  |
| M. Bunker, attendance upon sick<br>horse . . . . .       | 4 34             |                  |
| C. E. Perry, expressage . . . .                          | 3 99             |                  |
| R. Curry, material and labor .                           | 19 71            |                  |
| O. B. Leavitt, material and labor .                      | 11 05            |                  |
| E. W. Hodgson, material and labor                        | 4 15             |                  |
| P. Y. Hoseason, material and labor                       | 3 33             |                  |
| M. S. Hodgson, material and labor                        | 2 58             |                  |
| <i>Amounts carried forward,</i>                          | <hr/> \$5,367 76 | <hr/> \$5,600 00 |

|   |            |            |
|---|------------|------------|
| <i>Amounts brought forward,</i>               | \$5,367 76 | \$5,600 00 |
| A. W. Snow, material and labor                | 2 25       |            |
| A. J. Fiske & Co., material and labor         | 2 10       |            |
| Ward and Curley, supplies                     | 99 00      |            |
| H. R. Worthington, supplies                   | 52 97      |            |
| Walworth Manufacturing Co., supplies          | 51 01      |            |
| Sabin and Page, supplies                      | 3 13       |            |
| R. S. Atkinson, supplies                      | 2 33       |            |
| Sundry small bills                            | 4 42       |            |
| <hr/>   |            |            |
| Total, as per item No. 51 of expenses         |            | \$5,584 97 |
| Balance unexpended, transferred into treasury |            | \$15 03    |

#### Water Construction.

|   |                          |
|---|--------------------------|
| Total expenditure to December 31st, 1883            | \$942,991 93             |
| Pay-roll of laborers                                | \$8,546 58               |
| R. D. Wood & Co., iron pipe                         | 6,573 04                 |
| Boston Machine Co., hydrants, etc.                  | 1,776 18                 |
| Davis and Farnum Manufacturing Co., castings, etc.  | 1,483 79                 |
| City Iron Foundry and Chain Works, gate boxes, etc. | 1,131 92                 |
| National Tube Works Co., pipe etc.                  | 884 85                   |
| Walworth Manufacturing Co., material and labor      | 711 79                   |
| Chapman Valve Manufacturing Co., valves, etc.       | 455 00                   |
| Chadwick Lead Works, lead                           | 432 18                   |
| Boston and Albany Railroad, freight                 | 367 46                   |
| <hr/>   |                          |
| <i>Amounts carried forward,</i>                     | \$22,362 79 \$942,991 93 |



|  |                    |              |
|--|--------------------|--------------|
| <i>Amounts brought forward,</i>                      | \$22,362 79        | \$942,991 93 |
| George A. Goodyear, powder and fuse . . . . .        | 306 30             |              |
| Ward and Curley, supplies . . . . .                  | 265 80             |              |
| George W. Whitman, inspection of pipe . . . . .      | 205 00             |              |
| Timothy Stuart, labor, men and teams . . . . .       | 185 00             |              |
| E. Smead & Co., grain, etc. . . . .                  | 140 85             |              |
| Francis Jones, labor on Cottage street . . . . .     | 100 00             |              |
| Thomas Belger, blacksmithing . . . . .               | 147 01             |              |
| B. F. Barlow, blacksmithing . . . . .                | 145 89             |              |
| J. C. Farrar, blacksmithing . . . . .                | 61 06              |              |
| S. D. Keegan, blacksmithing . . . . .                | 58 70              |              |
| Charles A. Cole, blacksmithing . . . . .             | 35 11              |              |
| J. McFaden, blacksmithing . . . . .                  | 17 60              |              |
| D. J. Carroll, blacksmithing . . . . .               | 10 12              |              |
| D. J. O'Donnell, blacksmithing . . . . .             | 7 70               |              |
| Murray and Farrell, blacksmithing . . . . .          | 6 94               |              |
| Andrew Peters, blacksmithing . . . . .               | 6 53               |              |
| P. A. McVicar, blacksmithing . . . . .               | 6 12               |              |
| Scott and Maher, blacksmithing . . . . .             | 5 78               |              |
| D. Harrington & Son, use of teams . . . . .          | 96 51              |              |
| Stephen F. Cate, use of teams . . . . .              | 21 00              |              |
| Frank R. Patch, expressage . . . . .                 | 22 90              |              |
| C. E. Perry, expressage . . . . .                    | 19 85              |              |
| F. H. Hunting, expressage . . . . .                  | 8 00               |              |
| J. F. Calder, expressage . . . . .                   | 6 25               |              |
| The Coffin Valve Co., gate hydrants . . . . .        | 42 00              |              |
| American Fire Hose Manufacturing Co., hose . . . . . | 31 20              |              |
| <i>Amounts carried forward</i>                       | <u>\$24,322 01</u> | \$942,991 93 |



|   |             |              |
|---|-------------|--------------|
| <i>Amounts brought forward,</i>                       | \$24,322 01 | \$942,991 93 |
| Sewall and Day Cordage Co., manila                    | 30 27       |              |
| Leverett Saltonstall, refilling trench                | 28 00       |              |
| A. F. Noyes, sundry cash expenses                     | 22 04       |              |
| L. C. Tolman, hay . . . .                             | 12 90       |              |
| Almshouse Department, hay .                           | 12 03       |              |
| N. & W. Gaslight Co., coke .                          | 10 00       |              |
| Simpson Bros., concreting .                           | 9 18        |              |
| Speare, Gregory & Co., oil . .                        | 6 52        |              |
| M. Bunker, care sick horse .                          | 6 49        |              |
| S. T. Ball, pasturing horse . .                       | 11 25       |              |
| H. N. Hyde, Jr., sundry cash ex-<br>penses . . . . .  | 4 26        |              |
| C. F. Eddy & Co., cement . .                          | 2 55        |              |
| Higgins & Nickerson, material and<br>labor . . . . .  | 39 00       |              |
| Pettee Machine Works, material<br>and labor . . . . . | 33 17       |              |
| R. Curry, material and labor .                        | 29 58       |              |
| P. Keegan, material and labor .                       | 8 84        |              |
| J. H. Staples, material and labor                     | 6 50        |              |
| E. W. Hodgson, material and labor                     | 6 22        |              |
| Milo Lucas, material and labor                        | 5 96        |              |
| A. J. Fiske & Co., material and<br>labor . . . . .    | 5 77        |              |
| T. J. Hartnett, material and labor                    | 5 50        |              |
| P. Y. Hoseason, material and labor                    | 5 00        |              |
| Cranitch & Horrigan, material and<br>labor . . . . .  | 2 00        |              |
| Dodge, Gilbert & Co., supplies .                      | 65 59       |              |
| H. M. Darling & Co., supplies .                       | 59 11       |              |
| Parker & Wood, supplies . .                           | 57 60       |              |
| <i>Amounts carried forward,</i>                       | \$24,807 34 | \$942,991 93 |

|                                       |             |              |
|---------------------------------------|-------------|--------------|
| <i>Amounts brought forward,</i>       | \$24,807 34 | \$942,991 93 |
| Nichols, Bellamy & Co., supplies      | 44 25       |              |
| Dodge, Haley & Co., supplies .        | 38 62       |              |
| Parker, Holmes & Co., supplies .      | 37 40       |              |
| Park Bros., & Co., supplies .         | 32 45       |              |
| T. C. Lothrop & Co., supplies         | 23 25       |              |
| A. A. Savage, supplies . .            | 17 01       |              |
| Hall Rubber Co., supplies . .         | 14 40       |              |
| C. W. Morehouse, supplies .           | 10 10       |              |
| A. J. Wilkinson & Co., supplies .     | 9 40        |              |
| Charles W. Trainer & Co., supplies    | 11 77       |              |
| Sabin & Page, supplies . .            | 4 68        |              |
| R. S. Atkinson, supplies . .          | 3 50        |              |
| Parker, Gannett & Co., supplies .     | 3 10        |              |
| Nevins & Co., supplies . . .          | 3 00        |              |
| M. S. Hodgson, material and labor     | 3 83        |              |
| Henry A. Stone, supplies . .          | 2 25        |              |
| Sundry small bills . . .              | 7 29        |              |
| <hr/>                                 |             |              |
| Total, as per item No. 52 of expenses |             | \$25,073 64  |

**Received.**

|  |            |              |
|--|------------|--------------|
| Received from Boston and Albany<br>Railroad Corporation for re-<br>location of water pipe at Chest-<br>nut Hill, as per item No. 45 of<br>receipts . . . . . | \$1,480 84 |              |
| <hr/>  |            |              |
|  |            | \$23,592 80  |
| <hr/>  |            |              |
| Total expenditure to Dec. 31, 1884,  |            | \$966,584 73 |

**West Newton (Shaw Street) Schoolhouse Special Appropriation.**

|   |            |            |
|---|------------|------------|
| John Bliss, land . . . .                          | \$4,234 00 |            |
| Henry H. Hunt, amount paid on<br>contract . . . . | 3,500 00   |            |
| J. Foster Ober, services as architect             | 300 00     |            |
| Water department, use of water                    | 31 38      |            |
|   | <hr/>      |            |
| Total as per item No. 53 of expenses .            |            | \$8,065 38 |

**SCHEDULE OF CITY PROPERTY, REAL AND PERSONAL.****Almshouse Department.**

|                           |            |             |
|---------------------------|------------|-------------|
| 70 acres of land . . . .  | \$7,000 00 |             |
| Buildings . . . .         | 8,000 00   |             |
| Personal property . . . . | 3,947 35   |             |
|                           | <hr/>      | \$18,947 35 |

**City Hall Department.**

|   |             |             |
|---|-------------|-------------|
| City Hall furniture and fixtures .                | \$50,000 00 |             |
| City seal . . . .                                 | 25 00       |             |
| City stamps . . . .                               | 35 00       |             |
| Reports, statutes, and special laws               | 300 00      |             |
| Set of standard weights and meas-<br>ures . . . . | 100 00      |             |
| Record books . . . .                              | 200 00      |             |
| Bookcases, maps, etc. . . .                       | 500 00      |             |
|   | <hr/>       | \$51,160 00 |

**Cemetery Department.**

|                             |            |            |
|-----------------------------|------------|------------|
| Land in Newton Cemetery . . | \$2,000 00 |            |
| Tomb in Newton Cemetery . . | 800 00     |            |
|                             | <hr/>      | \$2,800 00 |

*Amount carried forward*

---

\$72,907 35











*Amount brought forward,*

\$72,907 35

**City Engineering Department.**

|                                  |          |            |
|----------------------------------|----------|------------|
| Two transits, \$150 each . . .   | \$300 00 |            |
| Three transits, \$100 each . . . | 300 00   |            |
| Two levels, \$100 each . . .     | 200 00   |            |
| Draughting materials . . .       | 126 00   |            |
| Surveying materials . . .        | 48 00    |            |
| Tools . . . . .                  | 12 00    |            |
| Horse, wagon, etc. . . . .       | 350 00   |            |
|                                  | <hr/>    | \$1,336 00 |

**Fire Department.**

|  |            |                   |
|--|------------|-------------------|
| Steam fire engine No. 1, apparatus, horses, and furniture .        | \$6,000 00 |                   |
| Steam fire-engine No. 2, apparatus, horses, and furniture .        | 6,000 00   |                   |
| Steam fire-engine No. 3, apparatus, horses, and furniture .        | 6,000 00   |                   |
| Hook and ladder, truck, horses, etc.                               | 3,300 00   |                   |
| Hose No. 4, horse, hose, reel, etc.,<br>Newtonville . . . . .      | 1,200 00   |                   |
| Hose No. 5, horse, hose, reel, etc.,<br>Auburndale . . . . .       | 1,200 00   |                   |
| Hose No. 6, horse, hose, reel, etc.,<br>Lower Falls . . . . .      | 1,500 00   |                   |
| Hose No. 7, hose-carriage, horse,<br>hose, etc., Upper Falls . . . | 1,500 00   |                   |
| Fire-alarm telegraph, including<br>team, etc. . . . .              | 20,000 00  |                   |
|  | <hr/>      | \$46,700 00       |
| <i>Amount carried forward</i>                                      |            | <hr/> \$95,743 35 |

*Amount brought forward,*

\$120,943 35

**Fire and Highway Department Buildings.**

|  |             |             |
|--|-------------|-------------|
| Steam fire-engine house, stables, and<br>land, Ward 7 . . . .      | \$13,000 00 |             |
| Steam fire-engine house, stables, and<br>land, Ward 3 . . . .      | 19,000 00   |             |
| Steam fire-engine house, stables, and<br>land, Ward 6 . . . .      | 19,000 00   |             |
| Hook and ladder and hose No. 4<br>house, stables, and land . . . . | 17,500 00   |             |
| Hose station No. 5, stables and land,<br>Auburndale . . . . .      | 5,200 00    |             |
| Hose station No. 6, stables and land,<br>Lower Falls . . . . .     | 6,900 00    |             |
| Hose station No. 7, stables and<br>land, Upper Falls . . . . .     | 5,500 00    |             |
|  | <hr/>       | \$86,100 00 |

**Free Library Department.**

|   |             |             |
|---|-------------|-------------|
| Newton Free Library, building and<br>land . . . . . | \$42,000 00 |             |
| Books . . . . .                                     | 10,000 00   |             |
|   | <hr/>       | \$52,000 00 |

**Gravel and Gravel Lands.**

|                                     |             |              |
|-------------------------------------|-------------|--------------|
| Land on Jewett Street, Ward 1 . .   | \$2,000 00  |              |
| Land on California Street, Ward 1,  | 6,600 00    |              |
| Land on Crafts Street, Ward 2 . .   | 500 00      |              |
| Land on Chapel Street, Ward 2 . .   | 100 00      |              |
| Land on Watertown St., Ward 2,      | 1,000 00    |              |
| Land on Faxon Street, Ward 2        | 200 00      |              |
| Land on Faxon Street, Ward 2        | 200 00      |              |
|                                     | <hr/>       |              |
| <i>Amounts carried forward,</i> . . | \$10,600 00 | \$259,043 35 |

|                                   |   |             |              |
|-----------------------------------|---|-------------|--------------|
| <i>Amounts brought forward,</i>   | . | \$10,600 00 | \$259,043 35 |
| Land on Auburndale Avenue,        |   |             |              |
| Ward 3 . . . . .                  |   | 1,200 00    |              |
| Land on Pine Street, Ward 3 .     |   | 2,000 00    |              |
| Land on Pine Street, Ward 3 .     |   | 250 00      |              |
| Land on Pine Street, Ward 3 .     |   | 550 00      |              |
| Land on Bourne Street, Ward 4     |   | 9,000 00    |              |
| Gravel on Washington Street,      |   |             |              |
| Ward 4 . . . . .                  |   | 1,000 00    |              |
| Gravel on Washington Street,      |   |             |              |
| Ward 4 . . . . .                  |   | 1,400 00    |              |
| Gravel on Elliot Street, Ward 5 . |   | 500 00      |              |
| Gravel on Parker Street, Ward 5 . |   | 250 00      |              |
| Land east of Oak Street, Ward 5 . |   | 1,200 00    |              |
| Land on Willow and Centre         |   |             |              |
| Streets, Ward 6 . . . . .         |   | 500 00      |              |
| Land on Florence Street, Ward 5   |   | 400 00      |              |
| Land on Florence Street, Ward 5 . |   | 1,500 00    |              |
| Land on Beacon Street, Ward 6     |   | 200 00      |              |
| Land on Homer Street, Ward 6      |   | 4,000 00    |              |
|                                   |   | <hr/>       | \$34,550 00  |

#### Highway Department.

|                                      |             |              |
|--------------------------------------|-------------|--------------|
| 1 steam road roller . . . . .        | \$6,000 00  |              |
| 22 cart horses, \$225 . . . . .      | 4,950 00    |              |
| 3 horses \$100 . . . . .             | 300 00      |              |
| 2 horses for superintendent of sts., | 375 00      |              |
| 26 double and single carts . . . .   | 2,600 00    |              |
| 43 harnesses . . . . .               | 850 00      |              |
| 4 double sleds, \$200 . . . . .      | 800 00      |              |
| 2 stone crushers and houses . . . .  | 4,600 00    |              |
| <i>Amounts carried forward,</i>      | \$20,475 00 | \$293,593 35 |



|  |             |              |
|--|-------------|--------------|
| <i>Amounts brought forward,</i>                          | \$20,475 00 | \$293,593 35 |
| 2 stone wagons, wagon, carriage,<br>and sleigh . . . . . | 525 00      |              |
| Tools, chains, derricks, blankets,<br>etc., . . . . .    | 1,800 00    |              |
| 1 road-scraper . . . . .                                 | 150 00      |              |
|  | <hr/>       | 22,950       |

### Lighting Department.

|  |           |
|--|-----------|
| For 1,233 posts, lanterns, burners, etc., \$10 . | 12,330 00 |
|--|-----------|

### Police Department.

|  |            |                    |
|--|------------|--------------------|
| Station-house, building and land,<br>North Village . . . . . | \$4,000 00 |                    |
| Furniture and bedding . . . . .                              | 50 00      |                    |
| Lock-up, furniture and bedding,<br>Ward 1 . . . . .          | 1,050 00   |                    |
| Lock-up, furniture and bedding,<br>Ward 6 . . . . .          | 1,575 00   |                    |
| Two carriages, sleigh and harness                            | 200 00     |                    |
| Horse, saddle, bridle, and harness                           | 200 00     |                    |
| 15 pairs handcuffs, \$3.75 . . . . .                         | 56 25      |                    |
| 30 clubs, \$1.50 . . . . .                                   | 45 00      |                    |
| 6 lanterns, \$2.50 . . . . .                                 | 15 00      |                    |
| 18 badges . . . . .  | 112 00     |                    |
| 18 parade clubs and belts, \$3.50 .                          | 63 00      |                    |
| Blankets . . . . .   | 50 00      |                    |
| Record books . . . . .                                       | 50 00      |                    |
| Furniture in station at City Hall .                          | 75 00      |                    |
|  | <hr/>      | 7,541 25           |
| <i>Amount carried forward,</i> . . . . .                     |            | <hr/> \$336,414 60 |

*Amount brought forward* . . . \$336,414 60

**School Department.**

|   |             |
|---|-------------|
| High School buildings, furniture<br>and land . . . . .        | \$57,000 00 |
| Mason schoolhouse, furniture and<br>land . . . . .            | 49,100 00   |
| Hyde schoolhouse, furniture and<br>land . . . . .             | 24,000 00   |
| Prospect schoolhouse, furniture and<br>land . . . . .         | 31,000 00   |
| Prospect schoolhouse No. 2, furni-<br>ture and land . . . . . | 7,500 00    |
| Oak Hill schoolhouse, furniture<br>and land . . . . .         | 12,000 00   |
| Hamilton schoolhouse, furniture<br>and land . . . . .         | 28,000 00   |
| Williams schoolhouse, furniture and<br>land . . . . .         | 10,000 00   |
| Williams new schoolhouse and<br>land . . . . .                | 35,000 00   |
| Pierce schoolhouse, furniture and<br>land . . . . .           | 32,000 00   |
| Davis schoolhouse, furniture and<br>land . . . . .            | 13,000 00   |
| Franklin schoolhouse, furniture<br>and land . . . . .         | 15,000 00   |
| Claffin schoolhouse, furniture and<br>land . . . . .          | 35,000 00   |
| Adams schoolhouse, furniture and<br>land . . . . .            | 22,000 00   |
| Bigelow schoolhouse, furniture and                            |             |

*Amounts carried forward,* \$412,600 00 \$336,414 60

|  |              |              |
|--|--------------|--------------|
| <i>Amounts brought forward</i>                         | \$412,600 00 | \$336,414 60 |
| land . . . . .   | 42,000 00    |              |
| Underwood schoolhouse, furniture<br>and land . . . . . | 24,000 00    |              |
| Lincoln schoolhouse, furniture and<br>land . . . . .   | 5,500 00     |              |
| Jackson schoolhouse, furniture and<br>land . . . . .   | 15,000 00    |              |
| Elliott schoolhouse, furniture and<br>land . . . . .   | 19,000 00    |              |
| Rice schoolhouse and land . . . . .                    | 20,000 00    |              |
| New schoolhouse and land, West<br>Newton . . . . .     | 15,000 00    |              |
| School apparatus . . . . .                             | 5,000 00     |              |
|  | <hr/>        | 516,100 00   |

**Water Department.**

|  |          |
|--|----------|
| Building for pipe-fittings, etc., stable and land, | 3,500 00 |
| 3 horses, wagons, harness, etc. . . . .            | 500 00   |

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\$856,514 60

For cost of water-works, see water-construction account.

Table Showing the Number of Polls, Real and Personal Estate of the City, Amount of Tax, Rate per Cent. Appropriations, etc., for Twenty-Four Years.

| A.D.            | POLLS. | REAL ESTATE.   | PERSONAL.      | TOTAL.         | CITY, STATE, AND COUNTY TAX. | RATE.  | APPROPRIATIONS. | HORSES. |
|-----------------|--------|----------------|----------------|----------------|------------------------------|--------|-----------------|---------|
| 1861 . . . . .  | 2,056  | \$5,644,285 00 | \$1,955,835 00 | \$7,600,120 00 | \$57,804 88                  | \$7 20 | \$47,500 00     | 1,330   |
| 1862 . . . . .  | 1,989  | 5,476,805 00   | 2,405,821 00   | 7,922,620 00   | 66,599 17                    | 6 60   | 55,000 00       | 1,374   |
| 1863 . . . . .  | 1,911  | 5,504,367 00   | 2,988,195 00   | 8,492,562 00   | 64,968 65                    | 7 20   | 40,000 00       | 1,399   |
| 1864 . . . . .  | 2,046  | 5,637,755 00   | 2,300,021 00   | 7,946,776 00   | 78,000 55                    | 9 50   | 52,500 00       | 1,421   |
| 1865 . . . . .  | 2,118  | 5,756,185 00   | 3,390,075 00   | 9,146,260 00   | 113,991 12                   | 12 00  | 60,000 00       | 1,438   |
| 1866 . . . . .  | 2,297  | 6,394,835 00   | 4,560,724 00   | 10,955,559 00  | 114,149 59                   | 10 00  | 75,000 00       | 1,491   |
| 1867 . . . . .  | 2,438  | 7,227,285 00   | 4,935,127 00   | 12,222,412 00  | 153,990 88                   | 12 20  | 95,000 00       | 1,552   |
| 1868 . . . . .  | 2,736  | 9,104,567 00   | 5,366,602 00   | 14,441,169 00  | 193,208 88                   | 13 00  | 160,000 00      | 1,671   |
| 1869 . . . . .  | 2,937  | 10,288,610 00  | 5,634,266 00   | 15,922,876 00  | 188,990 46                   | 11 50  | 150,000 00      | 1,826   |
| 1870 . . . . .  | 3,055  | 11,407,070 00  | 6,330,922 00   | 17,737,992 00  | 222,514 71                   | 12 20  | 185,000 00      | 2,077   |
| 1871 . . . . .  | 3,199  | 12,770,420 00  | 6,615,593 00   | 19,386,013 00  | 223,521 32                   | 11 20  | 185,000 00      | 2,220   |
| -1872 . . . . . | 3,420  | 15,792,950 00  | 8,463,904 00   | 24,256,854 00  | 334,314 87                   | 13 50  | 291,050 00      | 2,392   |
| 1873 . . . . .  | 3,659  | 18,446,275 00  | 7,537,775 00   | 25,984,050 00  | 384,089 84                   | 14 50  | 353,300 00      | 2,523   |
| 1874 . . . . .  | 3,917  | 20,032,800 00  | 8,048,645 00   | 28,081,445 00  | 372,893 53                   | 13 00  | 320,000 00      | 2,657   |
| 1875 . . . . .  | 4,089  | 21,073,495 00  | 7,882,374 00   | 28,955,869 00  | 399,085 46                   | 13 50  | 351,000 00      | 2,876   |
| 1876 . . . . .  | 4,334  | 21,128,120 00  | 7,072,845 00   | 28,200,965 00  | 392,201 13                   | 13 60  | 350,004 99      | 3,004   |
| 1877 . . . . .  | 4,045  | 20,007,025 00  | 6,627,488 00   | 26,634,513 00  | 370,319 38                   | 13 60  | 402,200 00      | 3,057   |
| 1878 . . . . .  | 3,882  | 18,604,105 00  | 6,408,825 00   | 25,012,930 00  | 352,942 43                   | 13 80  | 378,400 00      | 3,150   |
| 1879 . . . . .  | 4,010  | 17,456,655 00  | 6,330,697 00   | 23,787,352 00  | 326,959 64                   | 13 40  | 365,850 00      | 3,178   |
| 1880 . . . . .  | 4,132  | 17,718,270 00  | 7,481,830 00   | 25,200,100 00  | 361,139 40                   | 14 00  | 388,525 00      | 3,214   |
| 1881 . . . . .  | 4,336  | 18,238,510 00  | 8,169,763 00   | 26,408,273 00  | 379,434 18                   | 14 00  | 416,505 00      | 3,257   |
| 1882 . . . . .  | 4,502  | 18,930,485 00  | 7,402,233 00   | 26,332,718 00  | 383,633 00                   | 14 20  | 423,930 00      | 3,310   |
| 1883 . . . . .  | 4,661  | 19,794,805 00  | 7,329,283 00   | 27,124,088 00  | 427,033 59                   | 15 40  | 488,120 00      | 3,381   |
| 1884 . . . . .  | 4,804  | 20,467,295 00  | 7,347,266 00   | 27,814,561 00  | 410,157 68                   | 14 10  | 478,306 88      | 3,468   |



TABLE

Showing Amount Paid for Support of Poor out of Almshouse from  
1851 to 1884 inclusive.

|            |          |            |            |
|------------|----------|------------|------------|
| 1851 . . . | \$138 56 | 1868 . . . | \$1,464 53 |
| 1852 . . . | 104 94   | 1869 . . . | 2,019 28   |
| 1853 . . . | 45 70    | 1870 . . . | 2,197 41   |
| 1854 . . . | 38 10    | 1871 . . . | 3,713 39   |
| 1855 . . . | 73 63    | 1872 . . . | 2,884 79   |
| 1856 . . . | 135 49   | 1873 . . . | 3,066 59   |
| 1857 . . . | 204 96   | 1874 . . . | 3,895 51   |
| 1858 . . . | 387 61   | 1875 . . . | 5,553 79   |
| 1859 . . . | 358 25   | 1876 . . . | 9,336 14   |
| 1860 . . . | 500 81   | 1877 . . . | 10,259 57  |
| 1861 . . . | 757 14   | 1878 . . . | 8,284 10   |
| 1862 . . . | 781 50   | 1879 . . . | 8,246 42   |
| 1863 . . . | 632 27   | 1880 . . . | 6,455 80   |
| 1864 . . . | 605 02   | 1881 . . . | 6,808 75   |
| 1865 . . . | 870 77   | 1882 . . . | 7,933 57   |
| 1866 . . . | 643 72   | 1883 . . . | 8,016 14   |
| 1867 . . . | 1,268 08 | 1884 . . . | 7,076 86   |

#### SALARIES OF CITY OFFICERS, 1885.

|  |            |
|--|------------|
| Mayor . . . . .                                    | \$1,000 00 |
| City clerk . . . . .                               | 2,000 00   |
| City treasurer and collector . . . . .             | 2,700 00   |
| Assistant treasurer and deputy collector . . . . . | 1,200 00   |
| City auditor . . . . .                             | 2,000 00   |
| City solicitor . . . . .                           | 1,000 00   |
| Chairman of assessors . . . . .                    | 1,200 00   |
| Two assessors, each . . . . .                      | 750 00     |
| Assistant assessors, each per day . . . . .        | 4 00       |
| City messenger . . . . .                           | 1,100 00   |
| Clerk of Common Council . . . . .                  | 200 00     |
| Sealer of weights and measures . . . . .           | 75 00      |

**HIGHWAY DEPARTMENT.**

|  |            |
|--|------------|
| Superintendent of streets, two horses and carriage furnished . . . . . | \$1,500 00 |
| City engineer . . . . .  | 2,100 00   |

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**FIRE DEPARTMENT.**

|   |            |
|---|------------|
| Chief of department, team furnished . . . . .   | \$1,500 00 |
| Assistant chief and Superintendent of Fire Alarm Telegraph, team furnished . . . . .                | 950 00     |
| Three engineers of steamers, each . . . . .   | 950 00     |
| Four drivers of steamers, and Hook and Ladder Co., each . . . . .                                   | 750 00     |
| One driver of hose-carriage No. 4 . . . . .   | 600 00     |
| Eight foremen of steamers, and Hook and Ladder, and Hose Co., each . . . . .                        | 110 00     |
| Eight assistant foremen, and clerks of steamers, and Hook and Ladder, and Hose Co., each, . . . . . | 105 00     |
| Forty-eight hosemen and laddermen, each . . . . .   | 100 00     |

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**POLICE DEPARTMENT.**

|  |            |
|--|------------|
| City marshal, team furnished . . . . .       | \$1,500 00 |
| Sergeant of police, \$3.00 per day . . . . . |            |
| Twelve policemen, each . . . . .             | 1,000 00   |
| Two policemen . . . . .                      | 900 00     |
| Two policemen . . . . .                      | 750 00     |
| First year of service . . . . .              | 750 00     |
| Second year of service . . . . .             | 825 00     |
| Third year of service . . . . .              | 900 00     |
| Fourth and subsequent years . . . . .        | 1,000 00   |



**POOR DEPARTMENT.**

|   |         |
|---|---------|
| Seven overseers of poor, each . . . . .   | \$50 00 |
| City almoner and clerk of board . . . . . | 700 00  |
| Warden of almshouse . . . . .             | 600 00  |

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**WATER DEPARTMENT.**

|  |            |
|--|------------|
| Water registrar . . . . .  | \$1,800 00 |
| Superintendent of water-works, team furnished,                     | 1,500 00   |
| Inspector of meters and fixtures . . . . .                         | 1,050 00   |
| Engineer at pumping station, with house-rent .                     | 1,200 00   |
| Fireman and watchman, pumping station with<br>house-rent . . . . . | 600 00     |

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**SCHOOLS.**

|   |            |
|---|------------|
| Superintendent . . . . .                | \$2,700 00 |
| One teacher . . . . .                   | 2,800 00   |
| Six teachers at \$1,900 . . . . .       | 11,400 00  |
| One teacher . . . . .                   | 2,000 00   |
| Two teachers at \$1700 . . . . .        | 3,400 00   |
| One teacher . . . . .                   | 1,600 00   |
| Two teachers at \$1,500 . . . . .       | 3,000 00   |
| One teacher . . . . .                   | 800 00     |
| Five teachers at \$1,000 . . . . .      | 5,000 00   |
| Two teachers at \$900 . . . . .         | 1,800 00   |
| Fifteen teachers at \$750 . . . . .     | 11,250 00  |
| Thirty-nine teachers at \$600 . . . . . | 23,400 00  |
| Nine teachers at \$550 . . . . .        | 4,950 00   |
| Six teachers at \$500 . . . . .         | 3,000 00   |
| Two teachers at \$450 . . . . .         | 900 00     |
| One teacher . . . . .                   | 300 00     |
| One teacher . . . . .                   | 400 00     |
| Secretary of School Committee . . . . . | 300 00     |

**Janitors.**

|                                 |          |
|---------------------------------|----------|
| One janitor . . . . .           | \$650 00 |
| One janitor . . . . .           | 696 00   |
| One janitor . . . . .           | 540 00   |
| Two janitors, each . . . . .    | 480 00   |
| Three janitors, each . . . . .  | 360 00   |
| Two janitors, each . . . . .    | 252 00   |
| One janitor . . . . .           | 300 00   |
| Two janitors at \$240 . . . . . | 480 00   |
| One janitor . . . . .           | 200 00   |
| Two janitors at \$96 . . . . .  | 192 00   |

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**Library.**

|  |            |
|--|------------|
| Librarian . . . . .                    | \$1,000 00 |
| Assistant librarian . . . . .          | 600 00     |
| Three assistants, each \$400 . . . . . | 1,200 00   |
| Janitor . . . . .                      | 800 00     |

# STATISTICS COMPILED BY THE CITY CLERK FROM THE RECORDS OF HIS OFFICE.

The business which occupies the attention of the City Council is partially shown by the papers which are considered in one or both branches, and come into the hands of the City Clerk for record and filing. The number of these papers for 1884 is as follows:

|   |       |
|---|-------|
| Appointments . . . . .                            | 19    |
| Communications . . . . .                          | 49    |
| Messages . . . . .                                | 6     |
| Orders . . . . .                                  | 358   |
| Petitions . . . . .                               | 272   |
| Remonstrances . . . . .                           | 3     |
| Reports of Committees . . . . .                   | 220   |
| Reports of Departments . . . . .                  | 15    |
| Total . . . . .                                   | 942   |
| Papers brought over from City Government of 1883, | 60    |
| Aggregate . . . . .                               | 1,002 |

## BIRTHS REGISTERED IN 1884.

| WARDS.          | 1     |         | 2     |         | 3     |         | 4     |         | 5     |         | 6     |         | 7     |         | TOTAL. |         | AGGREGATE. |
|-----------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|------------|
|                 | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE.  | FEMALE. |            |
| January . . .   | 3     | 2       | 2     | 1       | 3     | 2       | 2     | 4       | 1     | 2       | 2     | 4       | -     | 1       | 13     | 18      | 31         |
| February . . .  | 1     | 1       | 1     | 1       | 1     | 1       | 1     | 1       | 2     | 2       | 1     | 1       | 1     | 1       | 12     | 10      | 22         |
| March . . .     | 2     | 3       | 3     | 1       | 2     | 3       | 4     | 1       | 2     | 2       | 2     | 2       | 1     | 1       | 18     | 17      | 35         |
| April . . .     | 2     | 1       | 3     | 2       | 2     | 2       | 2     | 1       | 2     | 1       | 2     | 2       | 1     | 1       | 12     | 6       | 18         |
| May . . .       | 2     | 1       | 3     | 2       | 2     | 2       | 2     | 2       | 1     | 2       | 2     | 2       | 1     | 1       | 15     | 11      | 26         |
| June . . .      | 2     | 1       | 1     | 1       | 2     | 1       | 3     | 2       | 1     | 4       | 2     | 4       | -     | -       | 15     | 13      | 28         |
| July . . .      | 3     | 3       | 2     | 5       | 1     | 4       | 6     | 1       | 1     | 3       | 5     | 3       | 2     | 1       | 15     | 19      | 34         |
| August . . .    | 3     | 3       | 5     | 3       | 1     | 5       | 6     | 1       | 6     | 3       | 3     | 5       | 1     | -       | 22     | 16      | 43         |
| September . . . | 2     | 1       | 6     | 4       | 2     | 3       | 3     | 1       | 3     | 3       | 3     | 3       | -     | -       | 22     | 16      | 38         |
| October . . .   | -     | 2       | 6     | 3       | 5     | 1       | 5     | 1       | 5     | 3       | 3     | 4       | 1     | 1       | 17     | 16      | 33         |
| November . . .  | 4     | 1       | 1     | 1       | 3     | 3       | 4     | 5       | 2     | 3       | 2     | 2       | 1     | 3       | 16     | 19      | 35         |
| December . . .  | -     | 1       | 7     | 3       | 2     | 2       | -     | 5       | 3     | 3       | 2     | 2       | 1     | 1       | 16     | 19      | 35         |
| Totals . . .    | 22    | 18      | 46    | 35      | 26    | 31      | 51    | 23      | 24    | 27      | 21    | 36      | 11    | 10      | 201    | 180     | 381        |
| Aggregate. . .  | 40    |         | 81    |         | 57    |         | 74    |         | 51    |         | 57    |         | 21    |         | 381    |         |            |

## Birthplace of Parents of above.

|                         | FATHERS. | MOTHERS. |
|-------------------------|----------|----------|
| United States . . . . . | 212      | 211      |
| Ireland . . . . .       | 79       | 79       |
| Canada . . . . .        | 50       | 56       |
| England . . . . .       | 19       | 15       |
| Germany . . . . .       | 8        | 8        |
| Sweden . . . . .        | 2        | 4        |
| Scotland . . . . .      | 3        | —        |
| Turkey . . . . .        | —        | 2        |
| Denmark . . . . .       | 1        | 1        |
| Russia . . . . .        | 1        | 1        |
| Italy . . . . .         | 1        | 1        |
| India . . . . .         | 1        | —        |
| Holland . . . . .       | 1        | —        |
| France . . . . .        | —        | 1        |
| West Indies . . . . .   | 1        | —        |
| Switzerland . . . . .   | 1        | —        |
| Unknown . . . . .       | 1        | 2        |
| Total . . . . .         | 381      | 381      |
| American . . . . .      | 212      | 211      |
| Foreign . . . . .       | 168      | 168      |
| Unknown . . . . .       | 1        | 2        |

## MARRIAGES REGISTERED, 1884.

|                          |    |                        |     |
|--------------------------|----|------------------------|-----|
| 1883, December . . . . . | 1  | 1884, August . . . . . | 11  |
| 1884, January . . . . .  | 16 | “ September . . . . .  | 22  |
| “ February . . . . .     | 15 | “ October . . . . .    | 29  |
| “ March . . . . .        | 2  | “ November . . . . .   | 24  |
| “ April . . . . .        | 10 | “ December . . . . .   | 9   |
| “ May . . . . .          | 8  |                        |     |
| “ June . . . . .         | 24 | Total . . . . .        | 182 |
| “ July . . . . .         | 11 |                        |     |

## Birthplace of above Contracting Parties.

|                         | GROOM. | BRIDE. |
|-------------------------|--------|--------|
| United States . . . . . | 118    | 104    |
| Canada . . . . .        | 24     | 42     |
| Ireland . . . . .       | 30     | 28     |
| England . . . . .       | 5      | 7      |
| Scotland . . . . .      | 3      | 1      |
| China . . . . .         | 1      | —      |
| Germany . . . . .       | 1      | —      |
| Totals . . . . .        | 182    | 182    |
| American . . . . .      | 118    | 104    |
| Foreign . . . . .       | 64     | 78     |



## DEATHS REGISTERED IN 1884.

**Statement showing Causes of Death in each Month.**

[illegible]

## DEATHS REGISTERED IN 1884.

Statement Showing Causes of Death in each Month, (Concluded.)

|                                      | JANUARY. | FEBRUARY. | MARCH. | APRIL. | MAY. | JUNE. | JULY. | AUGUST. | SEPTEMBER. | OCTOBER. | NOVEMBER. | DECEMBER. | TOTAL. |
|--------------------------------------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|--------|
| Heart disease . . . .                | 2        | 1         |        | 1      | 1    | 3     | 2     |         | 2          | 1        | 1         |           | 14     |
| Heart, malformation of . . . . .     |          |           |        |        |      | 1     |       |         |            |          |           |           | 1      |
| Hepatitis . . . . .                  |          |           |        |        |      |       |       |         |            |          |           | 1         | 1      |
| Hydrocephalus . . . .                |          |           |        |        |      |       |       |         | 1          |          |           |           | 1      |
| Inanition . . . . .                  |          |           | 1      |        |      |       |       | 1       |            |          |           |           | 2      |
| Indigestion . . . . .                |          |           |        |        |      |       |       |         |            | 1        |           |           | 1      |
| Intussusception of colon . . . . .   |          |           |        |        |      |       |       |         |            |          |           | 1         | 1      |
| Jaundice . . . . .                   |          |           |        |        |      |       |       |         |            |          |           | 1         | 1      |
| Laryngitis . . . . .                 |          |           |        | 1      |      |       |       |         |            |          |           |           | 1      |
| Liver, cancer of . . . .             |          |           |        |        | 1    |       |       |         |            |          |           |           | 1      |
| Liver, cirrhosis of . . .            |          |           | 1      |        |      |       |       |         |            |          |           |           | 1      |
| Liver, congestion of . .             |          |           |        |        |      |       | 1     |         |            |          |           |           | 1      |
| Lymphoma sarcoma . . .               |          |           | 1      |        |      |       |       |         |            |          |           |           | 1      |
| Marasmus . . . . .                   |          |           |        |        |      |       |       | 1       |            |          |           |           | 1      |
| Measles . . . . .                    |          |           |        |        |      |       |       |         |            |          |           | 1         | 1      |
| Melancholia . . . . .                |          | 1         |        |        |      |       |       |         |            |          |           |           | 1      |
| Meningitis . . . . .                 |          | 2         | 1      | 1      | 1    | 1     | 1     | 2       | 2          | 2        |           |           | 13     |
| Miscarriage . . . . .                |          |           |        |        |      |       |       |         | 1          |          |           |           | 1      |
| Myo carditis . . . . .               |          |           |        |        |      |       |       | 1       |            |          |           |           | 1      |
| Neglect . . . . .                    |          |           |        | 1      |      |       |       |         |            |          |           |           | 1      |
| Nephritis, chronic . . .             |          |           |        |        |      |       |       |         |            |          |           | 1         | 1      |
| Neuralgia . . . . .                  |          |           |        |        | 1    |       |       |         |            |          |           |           | 1      |
| Old age . . . . .                    |          |           | 2      | 2      | 2    |       | 2     |         | 2          | 1        | 3         | 1         | 15     |
| Paralysis . . . . .                  |          |           | 1      |        |      |       | 2     |         |            |          |           | 1         | 4      |
| Peritonitis . . . . .                |          |           |        |        |      |       |       | 1       |            |          |           |           | 1      |
| Pertussis . . . . .                  |          |           |        |        |      |       |       |         | 1          |          |           |           | 1      |
| Pharyngitis . . . . .                | 1        |           |        |        |      |       |       |         |            |          |           |           | 1      |
| Pleurisy . . . . .                   |          |           |        | 1      |      |       |       |         |            |          |           |           | 1      |
| Pneumonia . . . . .                  | 4        | 3         | 4      | 3      | 1    |       |       |         | 1          | 2        | 2         | 3         | 23     |
| Premature birth . . . .              |          | 1         | 2      | 1      |      |       |       |         |            |          |           | 1         | 5      |
| Protracted labor . . . .             |          |           |        |        | 2    |       |       |         |            |          |           |           | 2      |
| Puerpural Mania . . . .              |          |           |        |        |      |       |       |         |            |          |           | 1         | 1      |
| Railroad accident . . . .            |          |           |        |        |      |       |       |         |            | 1        |           |           | 1      |
| Rheumatism . . . . .                 |          |           |        |        |      |       | 1     |         |            |          |           |           | 1      |
| Scirrhus of breast . . . .           |          |           |        |        |      |       |       |         |            | 1        |           |           | 1      |
| Septicæmia . . . . .                 |          |           |        |        |      | 1     |       |         |            |          | 1         |           | 2      |
| Still born . . . . .                 |          | 1         | 1      |        | 2    |       |       | 3       |            | 1        |           |           | 8      |
| Stomach, carcinoma of . .            |          |           |        |        | 1    |       |       |         |            |          |           |           | 1      |
| Stomach, ulcer of . . . .            |          |           |        |        |      |       | 1     |         |            |          |           |           | 1      |
| Tumor . . . . .                      |          |           |        |        |      | 1     |       |         |            |          |           |           | 1      |
| Unknown . . . . .                    |          |           |        | 1      |      |       |       |         |            |          |           |           | 1      |
| Vomiting of preg . . . .             |          |           |        |        |      |       |       |         |            |          | 1         |           | 1      |
| Whooping cough . . . .               |          |           |        |        |      |       |       | 1       |            |          | 1         |           | 2      |
| Total deaths in each month . . . . . | 21       | 23        | 31     | 22     | 21   | 18    | 26    | 26      | 30         | 25       | 23        | 27        | 293    |

## STATEMENT OF DEATHS BY MONTHS IN EACH WARD.

| WARDS.              | 1     |         | 2     |         | 3     |         | 4     |         | 5     |         | 6     |         | 7     |         | TOTAL. |         | AGGREGATE. |
|---------------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|------------|
|                     | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE. | FEMALE. | MALE.  | FEMALE. |            |
| January . . . . .   | 1     | 2       | 1     | 1       | 2     | -       | 1     | 2       | 1     | 3       | 4     | 3       | -     | 1       | 10     | 11      | 21         |
| February . . . . .  | 1     | 2       | 1     | 1       | 1     | 1       | 3     | 2       | -     | 1       | 4     | 1       | 3     | 1       | 12     | 11      | 21         |
| March . . . . .     | 3     | 2       | 5     | 3       | 2     | 4       | -     | 1       | -     | 1       | 3     | 3       | -     | 1       | 15     | 16      | 31         |
| April . . . . .     | 3     | -       | 4     | -       | 1     | 1       | 1     | 2       | 4     | 1       | 3     | 1       | -     | 1       | 14     | 8       | 22         |
| May . . . . .       | 3     | -       | 4     | 2       | 2     | 1       | 3     | 1       | -     | -       | 1     | 2       | -     | -       | 12     | 9       | 21         |
| June . . . . .      | -     | 1       | 2     | 1       | 2     | 2       | 2     | 2       | 1     | 1       | 3     | 2       | -     | 1       | 10     | 8       | 18         |
| July . . . . .      | 1     | 3       | 2     | 2       | 4     | 4       | 4     | 2       | 1     | 1       | 2     | 3       | 1     | 2       | 10     | 17      | 27         |
| August . . . . .    | -     | 3       | 5     | 5       | -     | -       | 1     | 3       | 4     | -       | 1     | 4       | 1     | 1       | 13     | 13      | 26         |
| September . . . . . | 5     | 2       | 2     | 2       | 1     | 3       | 2     | 2       | 4     | 1       | 1     | 3       | -     | 1       | 14     | 16      | 30         |
| October . . . . .   | 5     | 2       | 2     | 1       | 1     | 2       | 2     | 1       | 4     | 3       | 1     | -       | -     | 2       | 13     | 10      | 23         |
| November . . . . .  | 2     | 3       | 3     | 2       | 2     | 3       | 2     | 3       | 1     | 1       | 1     | -       | 1     | 3       | 8      | 16      | 24         |
| December . . . . .  | 6     | 1       | -     | 1       | -     | 4       | 1     | 3       | -     | 1       | 2     | 1       | 3     | 3       | 14     | 13      | 27         |
| Totals . . . . .    | 30    | 15      | 21    | 28      | 18    | 27      | 23    | 23      | 19    | 14      | 26    | 24      | 8     | 17      | 145    | 148     | 293        |
| Aggregate . . . . . | 45    |         | 49    |         | 45    |         | 46    |         | 33    |         | 50    |         | 25    |         | 293    |         |            |

## Birthplace of Parents of above deceased persons.

|                         | FATHERS. | MOTHERS. |
|-------------------------|----------|----------|
| United States . . . . . | 138      | 142      |
| Ireland . . . . .       | 94       | 93       |
| Canada . . . . .        | 18       | 23       |
| England . . . . .       | 13       | 15       |
| Germany . . . . .       | 4        | 1        |
| Scotland . . . . .      | 2        | 1        |
| Switzerland . . . . .   | 1        | 1        |
| Italy . . . . .         | 1        | 1        |
| India . . . . .         | 1        | —        |
| Spain . . . . .         | 1        | —        |
| Unknown . . . . .       | 20       | 16       |
| Totals . . . . .        | 293      | 293      |
| American . . . . .      | 138      | 142      |
| Foreign . . . . .       | 135      | 135      |
| Unknown . . . . .       | 20       | 16       |
|                         | 293      | 293      |

**FEES. Collected.**

|   |         |          |
|---|---------|----------|
| Assignment of wages . . .                                 | \$25 25 |          |
| Assignment of wages, discharged .                         | 25      |          |
| Assignment of account . . .                               | 75      |          |
| Assignment of personal property .                         | 25      |          |
| Attachments . . . . .                                     | 50      |          |
| Bills of sale . . . . .                                   | 2 75    |          |
| Licenses, auctioneer . . . . .                            | 16 00   |          |
| Licenses, junk . . . . .                                  | 24 00   |          |
| Licenses, marriage . . . . .                              | 84 50   |          |
| Mortgages . . . . .                                       | 71 55   |          |
| Mortgages, assignment of . . . .                          | 25      |          |
| Mortgages, discharged . . . . .                           | 6 75    |          |
| Mortgages, transferred . . . . .                          | 25      |          |
| Woman certificate of business on<br>own account . . . . . | 25      |          |
| Total . . . . .   |         | \$233 30 |

**Dogs Licensed.**

|   |          |            |
|---|----------|------------|
| 836 males at \$2 . . . . .  | 1,672 00 |            |
| 82 females at \$5 . . . . .   | 410 00   |            |
|   |          | \$2,082 00 |
| Total collections . . . . .   |          | \$2,315 30 |
| By amount, sundry fees paid monthly<br>to city treasurer . . . . .  | 233 30   |            |
| Dec. 1, Retained from amount re-<br>ceived from dog licenses, and<br>paid to city treasurer, 918 licen-<br>ses, at 20c. . . . . | 183 60   |            |
| Dec. 1, Paid County treasurer balance<br>for dogs' licenses . . . . .   | 1,898 40 |            |
|   |          | \$2,315 30 |











**Dogs are distributed in the various Wards as follows: —**

|             | 1   | 2   | 3   | 4   | 5   | 6   | 7  | To'ls. |
|-------------|-----|-----|-----|-----|-----|-----|----|--------|
| Males . . . | 93  | 141 | 125 | 116 | 109 | 170 | 82 | 836    |
| Females . . | 14  | 15  | 12  | 5   | 14  | 13  | 9  | 82     |
|             | 107 | 156 | 137 | 121 | 123 | 183 | 91 | 918    |

**Enrolled Militia.**

| Wards, | 1   | 2   | 3   | 4   | 5   | 6   | 7   |
|--------|-----|-----|-----|-----|-----|-----|-----|
|        | 344 | 479 | 301 | 310 | 479 | 565 | 267 |

Total, 2745.

**Registered Voters.** (From List used at City Election, Dec. 2.)

| Wards, | 1   | 2   | 3   | 4   | 5   | 6   | 7   |
|--------|-----|-----|-----|-----|-----|-----|-----|
|        | 425 | 584 | 526 | 477 | 458 | 506 | 409 |

Total, 3385.

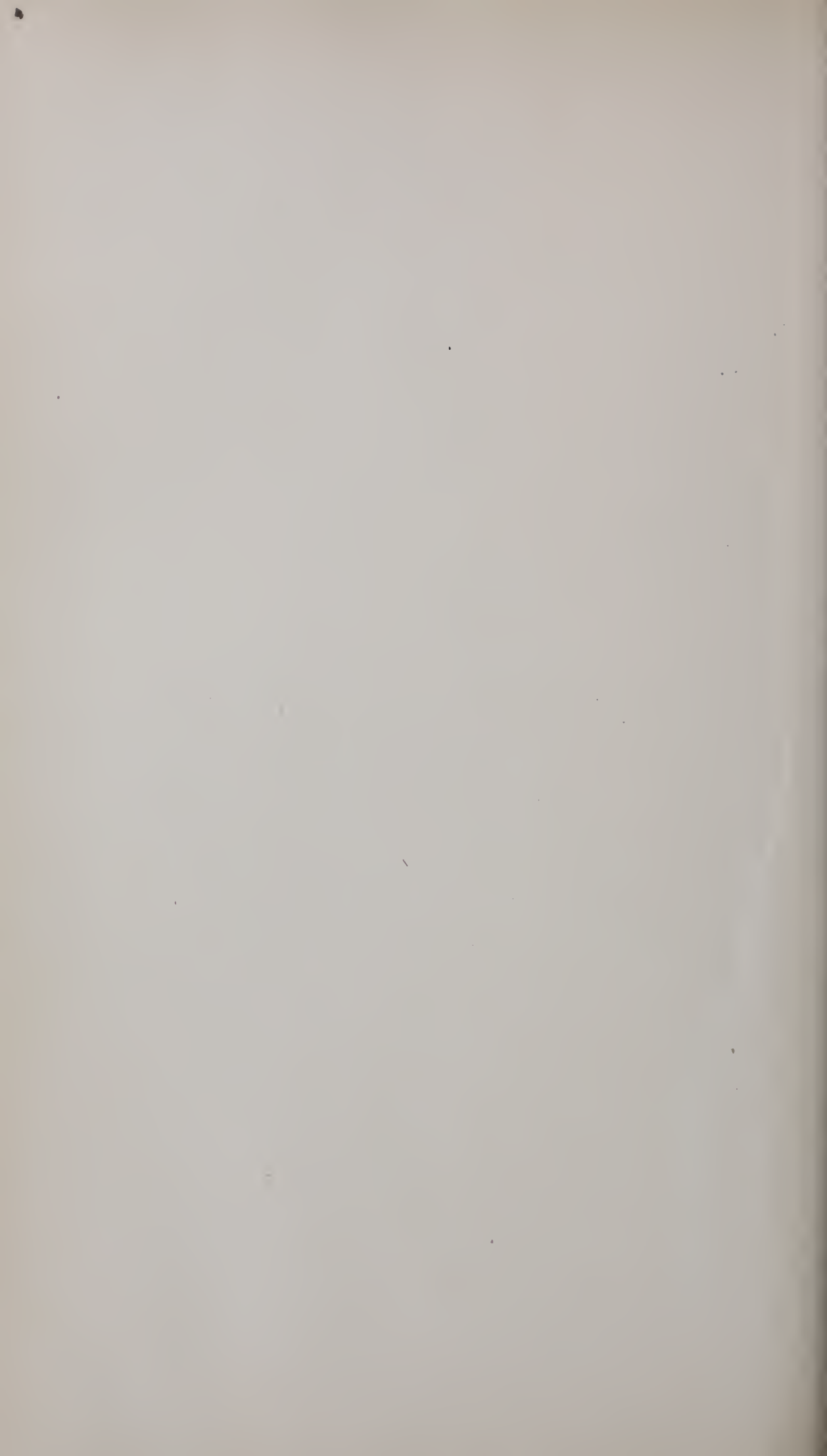




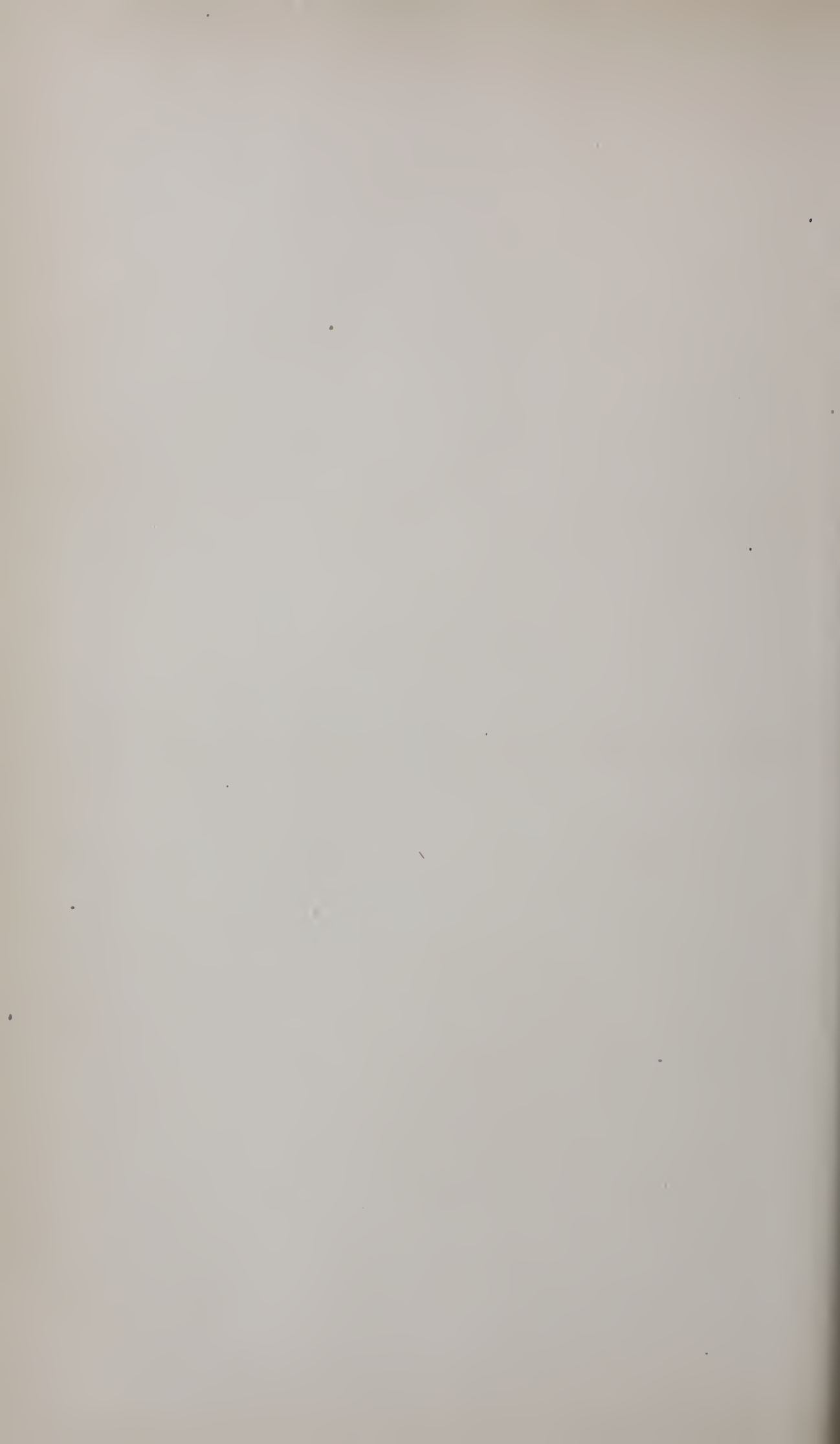












CITY OF NEWTON.

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# ANNUAL REPORT

OF THE

# The Overseers of the Poor,

TOGETHER WITH

# The Report of the Agent of the Board of Health,

For the Year Ending Dec. 31, 1884.



NEWTON:  
PRESS OF THE NEWTON JOURNAL.  
1885.





## REPORT OF THE OVERSEERS OF THE POOR.

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To the City Council of the City of Newton the Board of Overseers of the Poor respectfully submits its Annual Report.

The Board of Overseers of the Poor have not yet found a way to meet the demands of humanity and the statutes except by giving fuel food and clothing to those who are destitute and suffering from cold and hunger.

This necessity is forced upon us without reference to the question whether these conditions of want have come through misfortune, or immorality and intemperance.

In some cases the wants of applicants have been met with a feeling of satisfaction on the part of the Board, while in others only as a necessity and with the feeling that it is a wrong inflicted upon the community. Especially is this so when cases of distress are brought to us by intemperance as a direct or indirect cause.

There have been no new general features of the work and as a whole, the past has been a favorable year in the operations of the Board. Like the previous, it has been a year of general business prosperity for the laboring classes and consequently calls for aid have not been as necessary or frequent as would otherwise have been.

Estimates for expense of the Poor department cannot be made in advance with any degree of certainty as the causes that bring poverty and want are so fluctuating.

The fact that so few changes have been made in the membership of the Board has been favorable to the successful working of the business of the Department. Not all are aware of the importance of the knowledge which comes through experience to the successful management of the somewhat peculiar work which devolves upon the Board.

The whole number of families receiving partial support out of almshouse during any part of the year was 138. The whole number of persons 384. Of these there were males, 150; females, 234. Under 16 years of age, 206. Having settlement in Newton, 250. Having settlement in other cities and towns, 70. Having no settlement, 64.

Persons wholly supported out of almshouse during any part of the year are as follows:—

|  |   |
|--|---|
| State Reform School                      | 2 |
| Northampton Lunatic Hospital             | 1 |
| Asylum for Chronic Insane, Worcester     | 2 |
| Worcester Lunatic Hospital               | 5 |
| Danvers Lunatic Hospital                 | 2 |
| Taunton Lunatic Hospital                 | 1 |
| Remaining at present in Insane Hospitals | 8 |

The number in Insane Hospitals has been smaller than usual and the amount of expense in this always expensive item has been correspondingly less. The number cared for during a part or all of the year 1883 in Insane Hospitals was 15 at a cost of \$2155.11. The number in 1884 was 11 at a cost of \$1662.60. This item, wholly beyond the control of the Board is more likely to be increased than to remain at present figures. Only a small number are or can be cared for at the almshouse, who would otherwise be in the Insane Hospital, as the arrangements there will only admit those who are generally quiet and harmless.

The amount appropriated by the City Council for poor out of almshouse was . . . . . \$8,000 00

The amount expended for the same was as follows : —

|   |            |
|---|------------|
| Cash payments . . . . .   | \$630 15   |
| Groceries . . . . .   | 1,696 12   |
| Fuel . . . . .  | 912 49     |
| Clothing . . . . .  | 14 30      |
| Board . . . . .   | 232 50     |
| Medical attendance . . . . .  | 179 90     |
| Medicine . . . . .  | 30 78      |
| Burials . . . . .   | 135 00     |
| Feeding tramps and travellers . . . . .   | 104 45     |
| Support of insane . . . . .   | 1662 60    |
| Paid other cities and towns . . . . .   | 266 29     |
| Commonwealth of Massachusetts . . . . .   | 162 28     |
| Salary of Clerk and Almoner . . . . .   | 700 00     |
| Salaries of Overseers . . . . .   | 350 00     |
| <hr/>   |            |
| Total expenditures . . . . .  | \$7,076 86 |
| Receipts from the State, other cities and towns,<br>and friends of the relieved . . . . . | 1,102 20   |
| <hr/>   |            |
| Net cost of poor out of almshouse . . . . .   | 5,974 66   |

Affairs at the almshouse have moved on in a satisfactory manner under the efficient management of the Warden and Matron, Mr. and Mrs. Moody. The general health of the inmates has been good and the percentage of deaths low for a company the most of whom are advanced in life, and many feeble when admitted. Four have died during the year, their respective ages being 59, 65, 93 and 96.

The conditions at the almshouse, with life made in all respects comfortable, care for the future dismissed, taking an interest in work when able, seem favorable to life being prolonged to its natural limits.



The house has had light inside repairs and painting, including painting of the walls of kitchen and dining-room and is in satisfactory condition within. The outside of all the buildings will soon require painting for neatness of appearance and preservation.

By a slight expense, in connecting two brick walls in the cellar, a large and cool storage room for fruit and vegetables has been secured.

The barn has been crowded and at times there has been inconvenience in handling hay and other crops. An extension of thirty feet has been thought desirable and has been under contemplation, but in view of changes that may be caused by the near vicinity of the Newton Circuit Rail Road, all thought of extension of these buildings has for the present been abandoned.

Good crops have been secured on the farm the past season, but the low price of such produce as has been sold has told unfavorably in almshouse receipts. The condition of the land has been improved for farm purposes.

Two roadways across the farm that have been used by the public and by private citizens, to the detriment of the interests of the farm have been closed, and parties who have used these roads are now required to use those belonging to their own premises. This is no hardship to them and is of importance to the interests of the farm and is right.

The work of excavating and filling on the track of the Newton Circuit Rail Road has been in progress during the fall and winter months. This track runs below the brow of the hill, back of and near the farm buildings.. The Rail Road Company are to furnish two road crossings on the farm, either two bridges or one bridge and one grade crossing.





|  |          |
|--|----------|
| Whole amount appropriated for almshouse ex-          |          |
| penses and repairs . . . . .                         | 4,500 00 |
| Whole amount expended . . . . .                      | 4,120 33 |
| Amount received from sale of produce, wood,          |          |
| board, etc. . . . .                                  | 1,600 13 |
| Net cost of almshouse expenses and repairs . . . . . | 2,520 20 |

The gratifying fact is on record that his honor the Mayor has been present and presided at each monthly meeting of the Board during the year.

It often occurs that the Police of the City can render important aid in the work of the Board. This aid is always ready, courteous and valuable.

For the Overseers of the Poor.

NATHAN MOSMAN, *Clerk.*

REPORT

— OF —

The Agent of the Board of Health.













## REPORT OF THE AGENT OF THE BOARD OF HEALTH.

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CITY HALL, WEST NEWTON, Feb. 10, 1885.

TO THE BOARD OF HEALTH:

*Gentlemen:* — It is said that the four principal elements of health are pure air, pure water, clean surface and good drainage. In the first two of these Newton cannot be surpassed; and for the last two the struggle is going on with both encouraging and discouraging results. With the same comparative amount of labor and expense the surface can be kept in as satisfactory condition as the cleanest of cities. In the absence of sewers the city is under the necessity of making the most of such substitutes as are available.

The cleansing of vaults and cesspools under the present system is not wholly satisfactory; but appears in the way of improvement. It is believed that the present system and apparatus, with duplicates as needed, can be so managed as to meet the reasonable demands for comfort and safety, until such time as some more perfect system can be adopted for the disposal of sewerage. This will require more time and attention on the part of the Board than is possible under present arrangements.

Among the difficulties in the way of complete work in suppressing nuisances, having needed repairs made and a clean city, there is, first, the wide separation of the different villages, which necessarily consumes much time in reaching all points; second, the fact that so many premises are left in entire neglect by occupants, and especially by proprietors of tenement properties, until complaint is made to the Board of Health; and, third, that not one visit only, but three or four and more are required to secure attention and to know that the work is performed. This last experience is the same in all cities. These difficulties could be overcome by the necessary time and expense to secure thorough and continuous inspection by which the condition of all premises in the city, especially of the poorer grades and tenement properties would be known, and the requirements of the Board enforced.

With all that is and can be done for the prevention of diseases dangerous to the public health, we can get only partial control of the situation; for these diseases reported to the Board are not always found in connection with filthy premises, neither are filthy premises always associated with these diseases. Fatal cases occur in the most perfectly appointed homes, and others recover in the midst of the most apparently dangerous surroundings.

The presence of cholera in Europe has caused the larger cities of America to take steps for the removal of all possible conditions that might invite or harbor this disease.

Newton with its generally gravelly soil and roomy estates has favorable conditions for safety, but is not insured against this or other diseases. There is special need that all proprietors and tenants of estates be watchful and know for themselves that all possible causes or harbors of disease are removed and their premises in a safe and wholesome

condition, this being supplemented by the work of the Board of Health with such a supply of apparatus available as can accomplish all work desired.

The keeping of swine in close neighborhoods continues to be a source of complaint and discomfort, and also adds to the difficulty of enforcing the rules of the Board relating to the collection of house-offal. This is controlled in many cities by prohibiting the keeping of swine except within designated limits.

But few complaints of cow stables have been made. When these stables have been kept it has generally been in such a manner as not to disturb neighbors.

Heneries in some cases, when near dwellings, have caused complaints during warm weather by their unpleasant odor and in some instances this has been a serious inconvenience.

All discomforts arising from causes similar to the above may be comprehended under the decision of the Courts making that a nuisance "which is offensive to the senses and renders habitation uncomfortable."

The collection of house offal has been continued by the contractor in a satisfactory manner. All complaints reported receive immediate attention and correction.

Scarlet fever has prevailed in a mild epidemic form during the larger part of the year. Cases have been generally light with comparatively few terminating fatally.

So far as known, Physicians have answered the requirements of the law in reporting diseases dangerous to the public health. These reports when received are immediately transmitted to the Secretary of the School Board and to the Trustees of Newton Free Library.



### Reported Cases of Diseases Dangerous to Public Health.

| DISEASES<br>REPORTED. | Jan. | Feb. | March. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Total. | Fatal cases as<br>shown by the<br>books of the<br>City Clerk. |
|-----------------------|------|------|--------|--------|------|-------|-------|------|-------|------|------|------|--------|---|
| Diphtheria . .        | 3    | 1    | 2      | 4      | 5    | 7     | 3     | 0    | 2     | 2    | 2    | 2    | 33     | 3   |
| Scarlet Fever         | 1    | 4    | 2      | 13     | 8    | 11    | 4     | 2    | 6     | 26   | 28   | 23   | 128    | 11  |
| Typhoid Fever         | 0    | 1    | 1      | 0      | 2    | 1     | 2     | 0    | 3     | 8    | 9    | 0    | 27     | 9   |

Summary of nuisances and sources of disease for the abatement of which action has been taken :—

|   |    |
|---|----|
| Stagnant water . . . . .                                    | 5  |
| Foul cellars . . . . .                                      | 13 |
| Defective drains . . . . .                                  | 77 |
| New drains built . . . . .                                  | 6  |
| Cesspools near wells . . . . .                              | 5  |
| Cesspools overflowing to street gutters or brooks . . . . . | 8  |
| Vaults and cesspools ordered cleansed . . . . .             | 92 |
| Vaults and cesspools built . . . . .                        | 9  |
| Vaults and cesspools repaired . . . . .                     | 14 |
| Vaults removed . . . . .                                    | 5  |
| Sewage on surface of land . . . . .                         | 6  |
| Filthy yards . . . . .                                      | 12 |
| Manure removed . . . . .                                    | 6  |
| Pig pens . . . . .  | 9  |
| Soap factory . . . . .                                      | 1  |

Less important cases not noted.

Of the stagnant ponds, swamps, ditches, etc., in various parts of the city some are being filled and made safe and wholesome by the city collection and disposal of ashes;

others are untouched, unwholesome and dangerous for the reason that they contain not only stagnant water but also receive contributions of dead animals and general refuse material.

The condition of the catch-basins in the street drains is a cause of frequent annoyance and complaint. In many cases they evidently receive contributions other than those which come down from heaven. Odors arising from them are often uncomfortable, at least, and present to the senses pungent evidence of some mysterious relationship with the cesspool and sewer family. Rule 1, Sec. 2, of the rules of the Board prohibits any owner or occupant of a building from permitting any sewage to enter any drain of the city.

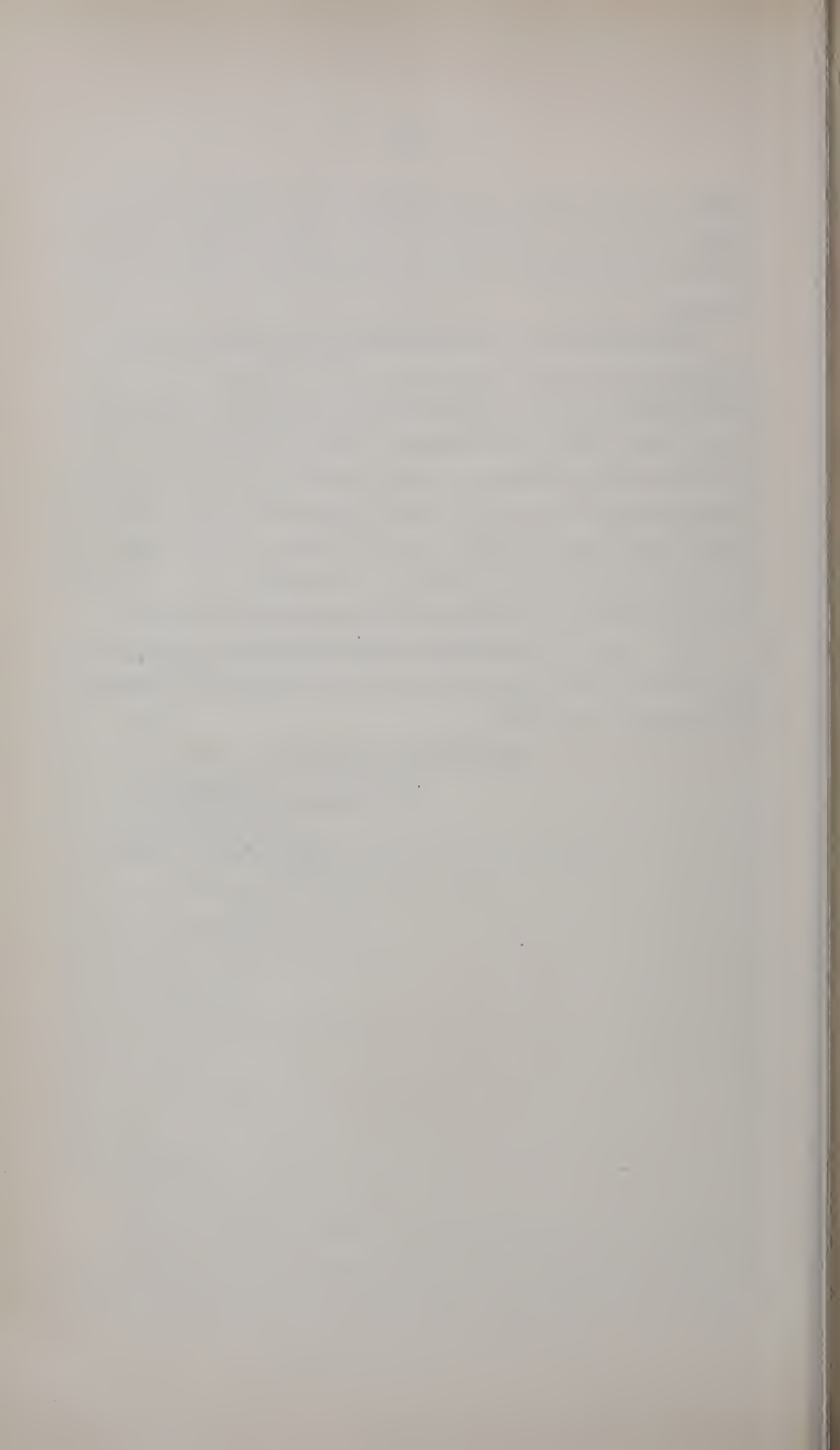
The Board has enough work waiting execution, but with proper force it can be done and the situation is entirely encouraging and hopeful.

Respectfully submitted,

NATHAN MOSMAN,

*Agent of the Board.*





CITY OF NEWTON.

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# ANNUAL REPORT

OF THE

# CITY MARSHAL

For the Year Ending Dec. 31, 1884.



NEWTON:  
PRESS OF THE NEWTON JOURNAL.  
1885.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

1954

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

1954



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## CITY MARSHAL'S REPORT.

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In accordance with the ordinance relating to the Police Department, the City Marshal has the honor to submit the following report of the doings of the department for the year 1884:

The force at this date consists of:—

Daniel M. Hammond, City Marshal, Appointed in 1883.

Charles F. Richardson, Sergeant, Appointed in 1877.

George E. F. Baker, Patrolman, Appointed in 1878.

Noah F. Bosworth, Patrolman, Appointed in 1878.

William G. Bosworth, Patrolman, Appointed in 1882.

Charles E. Davis, Patrolman, Appointed in 1878.

Charles O. Davis, Patrolman, Appointed in 1875.

William C. Emerson, Patrolman, Appointed in 1878.

Frank B. Fletcher, Patrolman, Appointed in 1880.

Robert S. Harrison, Patrolman, Appointed in 1878.

James D. Henthorn, Patrolman, Appointed in 1875.

Edson C. Holmes, Patrolman, Appointed in 1880.

Charles P. Huestis, Patrolman, Appointed in 1875.

Rufus H. Moulton, Patrolman, Appointed in 1882.

John Purcill, Patrolman, Appointed in 1881.

John Ryan, Patrolman, Appointed in 1878.

Being the same as at date of the last report.

Special Officers Conroy and Fuller have been constantly on duty since May last and have rendered very efficient service.

The saddle horse was sold in April and N. F. Bosworth, who was mounted, was placed on a route.

The Patrolmen are stationed as follows :

At Newton, Henthorn, Emerson and Baker.

At Newtonville, Charles E. Davis.

At Nonantum, C. O. Davis and Special Officer Conroy.

At West Newton, Holmes, Ryan and N. F. Bosworth.

At Auburndale, William G. Bosworth.

At Newton Lower Falls, Harrison.

At Newton Centre, Huestis and Fletcher.

At Chestnut Hill, Special Officer Fuller.

At Newton Highlands, Moulton.

At Newton Upper Falls, Purcill.

#### **SPECIAL POLICE OFFICERS.**

The following citizens hold warrants as Special Police Officers:—

Henry L. Bixby, Chief of Fire Department.

William Bemis, Assistant Chief of Fire Department.

John J. Boyce, at Church on Chapel Street, Nonantum.

John W. Conroy, Jr., West Newton.

Ambrose M. Fuller, Chestnut Hill.

Thomas Coughlin, Engineer at Pumping House.

Michael Finnety, Lasell Seminary.

J. Charles Kennedy, Boston and Albany Railroad.

Martin C. Laffie, Newton.

William H. Mague, Swill Contractor.

Andrew Peters, Agent Society F. T. P. O. C. T. A.



Thomas Shaughnessy, Boston Water Works, U. Falls.  
 Francis B. Shorte, Wardwell & Clark's Mill, U. Falls.  
 Frank B. Sisson, At Church, Newtonville.  
 Gustav W. Ulmer, Newton Centre.

The following table shows the amount of police work done each month during the year :—

|                        | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | TOTAL. |
|------------------------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|--------|
| Arrests . . . . .      | 18       | 30        | 27     | 37     | 58   | 61    | 32    | 31      | 54         | 32       | 52        | 30        | 462    |
| Arrests on warrants    | 9        | 9         | 9      | 6      | 33   | 22    | 8     | 14      | 32         | 17       | 19        | 14        | 192    |
| “ without “            | 9        | 21        | 18     | 31     | 25   | 39    | 24    | 17      | 22         | 15       | 33        | 16        | 270    |
| Held for trial . . . . | 17       | 20        | 22     | 25     | 12   | 54    | 23    | 26      | 50         | 26       | 46        | 25        | 386    |
| Released . . . . .     | 1        | 10        | 5      | 52     | 6    | 7     | 9     | 5       | 4          | 6        | 6         | 5         | 76     |
| Females . . . . .      | —        | —         | —      | 2      | 3    | 3     | 1     | 1       | 1          | 2        | 1         | 3         | 17     |
| Foreigners . . . . .   | 13       | 13        | 15     | 21     | 30   | 36    | 20    | 12      | 24         | 9        | 37        | 11        | 241    |
| Non-residents . . . .  | 2        | 7         | 9      | 11     | 11   | 29    | 9     | 7       | 9          | 7        | 11        | 9         | 121    |
| Minors . . . . .       | 5        | 12        | 3      | 13     | 19   | 4     | 4     | 6       | 11         | 17       | 8         | 5         | 107    |

#### NATIVITY OF PRISONERS.

|               |   |   |   |   |   |   |   |   |   |   |   |   |     |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| United States | . | . | . | . | . | . | . | . | . | . | . | . | 217 |
| Ireland       | . | . | . | . | . | . | . | . | . | . | . | . | 189 |
| England       | . | . | . | . | . | . | . | . | . | . | . | . | 22  |
| Canada        | . | . | . | . | . | . | . | . | . | . | . | . | 19  |
| Italy         | . | . | . | . | . | . | . | . | . | . | . | . | 5   |
| Scotland      | . | . | . | . | . | . | . | . | . | . | . | . | 4   |
| Germany       | . | . | . | . | . | . | . | . | . | . | . | . | 3   |
| Sweden        | . | . | . | . | . | . | . | . | . | . | . | . | 2   |
| Arabia        | . | . | . | . | . | . | . | . | . | . | . | . | 1   |

---

 462



## Offences committed:—

|  |     |
|--|-----|
| Assault and battery . . . . .                | 33  |
| Assault, felonious . . . . .                 | 1   |
| Assault with intent to kill . . . . .        | 1   |
| Assault with intent to commit rape . . . . . | 1   |
| Assault, indecent . . . . .                  | 1   |
| Assault on Police officers . . . . .         | 3   |
| Bail bond . . . . .                          | 1   |
| Bastardy . . . . .                           | 2   |
| Breaking and entering . . . . .              | 6   |
| Breaking jail . . . . .                      | 1   |
| Cruelty to animals . . . . .                 | 4   |
| Defacing a building . . . . .                | 1   |
| Default warrants . . . . .                   | 1   |
| Disorderly . . . . .                         | 10  |
| Disturbing the peace . . . . .               | 58  |
| Drunkenness . . . . .                        | 171 |
| Embezzlement . . . . .                       | 2   |
| Evading car fare . . . . .                   | 5   |
| Fast driving . . . . .                       | 3   |
| Gaming . . . . .                             | 6   |
| Insane . . . . .                             | 15  |
| Larceny, simple . . . . .                    | 26  |
| Larceny, felonious . . . . .                 | 3   |
| Lewdness . . . . .                           | 2   |
| Neglected children . . . . .                 | 1   |
| Profanity . . . . .                          | 1   |
| Runaways . . . . .                           | 3   |
| Selling mortgaged property . . . . .         | 1   |
| Stubborn children . . . . .                  | 2   |
| Suspicion of larceny . . . . .               | 1   |
| Suspicious persons . . . . .                 | 16  |
| Threatening bodily harm . . . . .            | 5   |

|  |       |
|--|-------|
| Tramps . . . . .                       | 1     |
| Vagrancy . . . . .                     | 2     |
| Violation of city ordinances . . . . . | 35    |
| Violation of dog law . . . . .         | 17    |
| Violation of Lord's Day . . . . .      | 8     |
| Violation of liquor law . . . . .      | 10    |
| Violation of railroad law . . . . .    | 2     |
|  | <hr/> |
|  | 462   |
| Number of arrests in 1883              | 408   |
|  | <hr/> |
| Showing an increase of                 | 54    |

#### LODGERS.

|                            |       |
|----------------------------|-------|
| At Station No. 1 . . . . . | 394   |
| At Station No. 3 . . . . . | 913   |
| At Station No. 4 . . . . . | 195   |
|                            | <hr/> |
|                            | 1502  |
| Females . . . . .          | 13    |
| Foreigners . . . . .       | 915   |

#### NATIVITY OF LODGERS.

|                         |     |
|-------------------------|-----|
| United States . . . . . | 587 |
| Ireland . . . . .       | 617 |
| England . . . . .       | 160 |
| Canada . . . . .        | 44  |
| Scotland . . . . .      | 40  |
| Germany . . . . .       | 19  |
| Sweden . . . . .        | 10  |
| France . . . . .        | 5   |
| Holland . . . . .       | 4   |
| Norway . . . . .        | 4   |

|             |   |   |   |   |   |   |   |   |               |
|-------------|---|---|---|---|---|---|---|---|---------------|
| Egypt       | . | . | . | . | . | . | . | . | 2             |
| Arabia      | . | . | . | . | . | . | . | . | 2             |
| Denmark     | . | . | . | . | . | . | . | . | 2             |
| Switzerland | . | . | . | . | . | . | . | . | 2             |
| Turkey      | . | . | . | . | . | . | . | . | 2             |
| Wales       | . | . | . | . | . | . | . | . | 1             |
| West Indies | . | . | . | . | . | . | . | . | 1             |
|             |   |   |   |   |   |   |   |   | -----<br>1502 |

The number of lodgers in 1883 was 911 which shows an increase for the year 1884 of 591.

No lodgers are put up at Station No. 2 which is at Nonantum.

### OCCUPATION OF LODGERS, MALES.

|                           |    |
|---------------------------|----|
| Artist . . . . .          | 1  |
| Bakers . . . . .          | 9  |
| Barbers . . . . .         | 2  |
| Boiler-makers . . . . .   | 4  |
| Book-binders . . . . .    | 7  |
| Book-keepers . . . . .    | 2  |
| Butchers . . . . .        | 2  |
| Button-makers . . . . .   | 2  |
| Black-smiths . . . . .    | 29 |
| Brakemen . . . . .        | 4  |
| Brass-finishers . . . . . | 2  |
| Brush-makers . . . . .    | 2  |
| Cabinet-makers . . . . .  | 3  |
| Carpenters . . . . .      | 19 |
| Carvers . . . . .         | 2  |
| Cigar-makers . . . . .    | 8  |
| Cooks . . . . .           | 3  |
| Coopers . . . . .         | 3  |
| Clerks . . . . .          | 5  |



|                          |       |
|--------------------------|-------|
| Shoe-makers . . . . .    | 126   |
| Silver-platers . . . . . | 1     |
| Soap-makers . . . . .    | 1     |
| Stewards . . . . .       | 3     |
| Stone-cutters . . . . .  | 10    |
| Tailors . . . . .        | 15    |
| Teamsters . . . . .      | 11    |
| Telegrapher . . . . .    | 1     |
| Tanner . . . . .         | 1     |
| Tin-smiths . . . . .     | 5     |
| Trunk-maker . . . . .    | 1     |
| Upholsterers . . . . .   | 2     |
| Waiters . . . . .        | 1     |
| Watch-makers . . . . .   | 4     |
| Wheelwrights . . . . .   | 1     |
| Wood-turner . . . . .    | 2     |
| Wool-sorters . . . . .   | 6     |
|                          | <hr/> |
|                          | 1,489 |
| Females . . . . .        | 13    |
|                          | <hr/> |
|                          | 1,502 |

Reports made by Patrolmen to City Marshal :—

|   |     |
|---|-----|
| Accidents . . . . .                         | 61  |
| Buildings erecting . . . . .                | 108 |
| Buildings found open and secured . . . . .  | 19  |
| Cases investigated . . . . .                | 94  |
| Defective gas lamps . . . . .               | 156 |
| Defective oil lamps . . . . .               | 210 |
| Disturbances suppressed . . . . .           | 60  |
| Fire alarms . . . . .                       | 36  |
| Fires extinguished without alarms . . . . . | 8   |
| Gas-pipes . . . . .                         | 3   |
| Intoxicated persons helped home . . . . .   | 110 |



|   |    |
|---|----|
| Lost children found and restored to parents | 7  |
| Nuisances                                   | 14 |
| Sick and injured persons assisted           | 20 |
| Stray teams found and put up                | 10 |
| Sidewalks                                   | 27 |
| Streets                                     | 23 |
| Water-pipes                                 | 15 |

#### MISCELLANEOUS.

|  |                    |
|--|--------------------|
| Amount reported stolen in the City               | \$1616.10          |
| Amount recovered stolen in and out the City      | 1592.75            |
| Amount of fines imposed by Court                 | 1456.00            |
| Amount of imprisonment                           | 9 years, 7 months. |
| Extra duties performed by officers               | 278                |
| Amount of court fees earned by officers, paid by |                    |
| Clerk of Court to City Treasurer                 | \$820.50           |
| Number of of liquor search warrants served       | 13                 |
| Liquor seizures                                  | 6                  |
| Cases reported to Medical Examiner               | 12                 |
| Number of duties lost by officers on account of  |                    |
| sickness   | 95                 |

It will be noticed that a very small number of the lodgers, and also of the prisoners are females, of the seventeen among the arrests five were insane, three arrested for larceny, three for drunkenness, two for assault and battery, two for disturbing the peace, one for violation of the liquor law and one for being a stubborn child.

Of the number of intoxicated persons helped home two were females.

#### STATION HOUSES.

Station No. 1 at Newton is in rather close quarters to Steamer No. 1 of the Fire Department, and if it could be



removed would be a great convenience to the firemen and police. There is no drainage to the cells, buckets being used, which makes very bad air.

Station No. 2 at Nonantum is in the same condition as Station No. 1, as regards drainage, otherwise it is in good repair.

Station No. 3 at West Newton has been painted and put in good condition.

Station No. 4 at Newton Centre has been painted and the ventilation improved.

The Police Telephone which went into use Dec. 22, 1884, is in good running order; it connects the four police stations, the Sergeant's house and the house of the City Marshal, and is a very useful addition to the department.

Most of the transferring of prisoners is done by the team used by the City Marshal, and the expense in that direction is kept down as much as possible.

If the custom of giving the officers a vacation is to be continued, I would suggest that they be allowed to begin as early in the year as possible.

#### **PROBATION OFFICER.**

Acting as Probation Officer, the City Marshal has taken five persons on probation and recommended the discharge of three from the House of Correction, all of whom have done well. Of the number four were minors.

#### **MORGUE.**

In the list of miscellaneous business of this report you will observe that twelve cases were reported to the Medical Examiner. Four of the bodies found were taken to Police Stations and deposited in the cell rooms.









The Medical Examiner made autopsies on three, the examination being made in the police court room. We are obliged, in some cases, to keep the bodies several days, and, as we have prisoners or lodgers nearly every night in the year, it will be seen that the dead and the living are locked in the same room. At a small expense a morgue could be built to connect with Station No. 3 at West Newton.

The views of Medical Examiner Mead, on the subject, are given in the following letter: —

“ WATERTOWN, Dec. 18, 1884.

CITY MARSHAL HAMMOND,

*Dear Sir:* I desire to call your attention to the fact that there is not within the City of Newton, a proper place to care for the bodies of such persons as are unfortunate in being killed by violence. Every new medical examiner case that comes to my notice in your city emphasizes the fact that the City of Newton, that cares for the living so well, has not, as yet, made a proper, yes, decent provision for the care of those killed by violence. It is not becoming nor fit that such dead bodies should lie in your corridors at the police station when the chances are that either criminals or tramps or both are lodged in the same corridor. I have been called upon to make several autopsies during the last nine months, and I have made them, as you know, in the court room at City Hall. It is difficult to keep people from entering through some of the many doors that lead into it; it is difficult for any person to do himself justice, or best serve the State, in performing an autopsy without any of the conveniences; it is impossible to prevent boys from looking in the windows, without detailing a policeman to watch them; it is difficult not to leave on the settees and floor in the court room some signs of the, to most people, disagreeable operation that has



been performed, perhaps an hour before the sitting of the Court, and last, but not least, such care as you, in your capacity, and I, in mine, are obliged to give the dead, is not such as we hope to receive.

We should in our official capacity, so far as is convenient with a proper discharge of the offices, protect the body of the dead from all indecent exposure, and not allow the mantle of modesty and decency that becomes it so well in life to be torn away at death. It does not seem to me that your city, in providing no place where the dead can be privately and decently cared for, realizes how important this matter is. The wisest and most honored of Newton's citizens might meet his death by violence, and have his body subject to the neglect if not indignities to which I have called attention.

I warmly urge you to lay this matter before the proper authorities, so that Newton may be in this matter, as in all necessary matters, in the van of the other cities.

I remain

Very respectfully yours,

(Signed)

JULIAN A. MEAD,  
*Medical Examiner."*

### **CASES REPORTED TO MEDICAL EXAMINER.**

February 21st, John Muldoon and Dennis Haley, each nine years of age, drowned while bathing in a pond at Thompsonville.

April 18th, the body of a still born child found in a cess-pool at West Newton.

April 23rd, Ferdinand A. Mathey, age 47, drowned in Charles river at Upper Falls.

July 2nd, Alfred Giles, age 13, drowned while bathing in Crystal Lake.

August 3rd, William Woodside, age 20, drowned while bathing in Hammond's Pond.

September 15th, Margaret Fitzcharles, age 40, servant, found dead in bed at Auburndale.

October 10th, Sarah Taylor, age 74, killed near the depot at Auburndale by an express train on the Boston and Albany Railroad.

November 13, John Dunn, age 35, found dead in a field, Pearl street, Newton. Heart disease.

December 7th, Rose Quinn, age 28, committed suicide by drowning in Cheesecake brook, West Newton.

December 10, James F. Brogie, age 45, thrown from his team and killed, on Centre street, Newton.

December 25th, Dr. William Teulon, age 81, fell at the junction of Channing avenue and Boston and Albany Railroad. Apoplexy.

The members of the police force have in contemplation the forming of an association for their mutual benefit, and during the coming year may ask permission to do so; if they do, they hope to receive encouragement from the City Government and from the public.

It is very pleasing to say that there has been no occasion during the year, to enforce rule No. 22 of the rules and regulations, as the machinery of the department has run without friction, which speaks well for the intelligence and good sense of its members.

The thanks of the members of the force are due to His Honor the Mayor, and to the Police Committee of 1884, for the pleasant and graceful manner in which they directed the affairs of the department during the year.

In conclusion, the members of the Police Department wish to extend their gratitude to the City Government for the substantial manner in which confidence in them was shown, by the increase of salary.

Respectfully Submitted,

DANIEL M. HAMMOND.

*City Marshal.*

CITY OF NEWTON, MASS.

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# ANNUAL REPORT

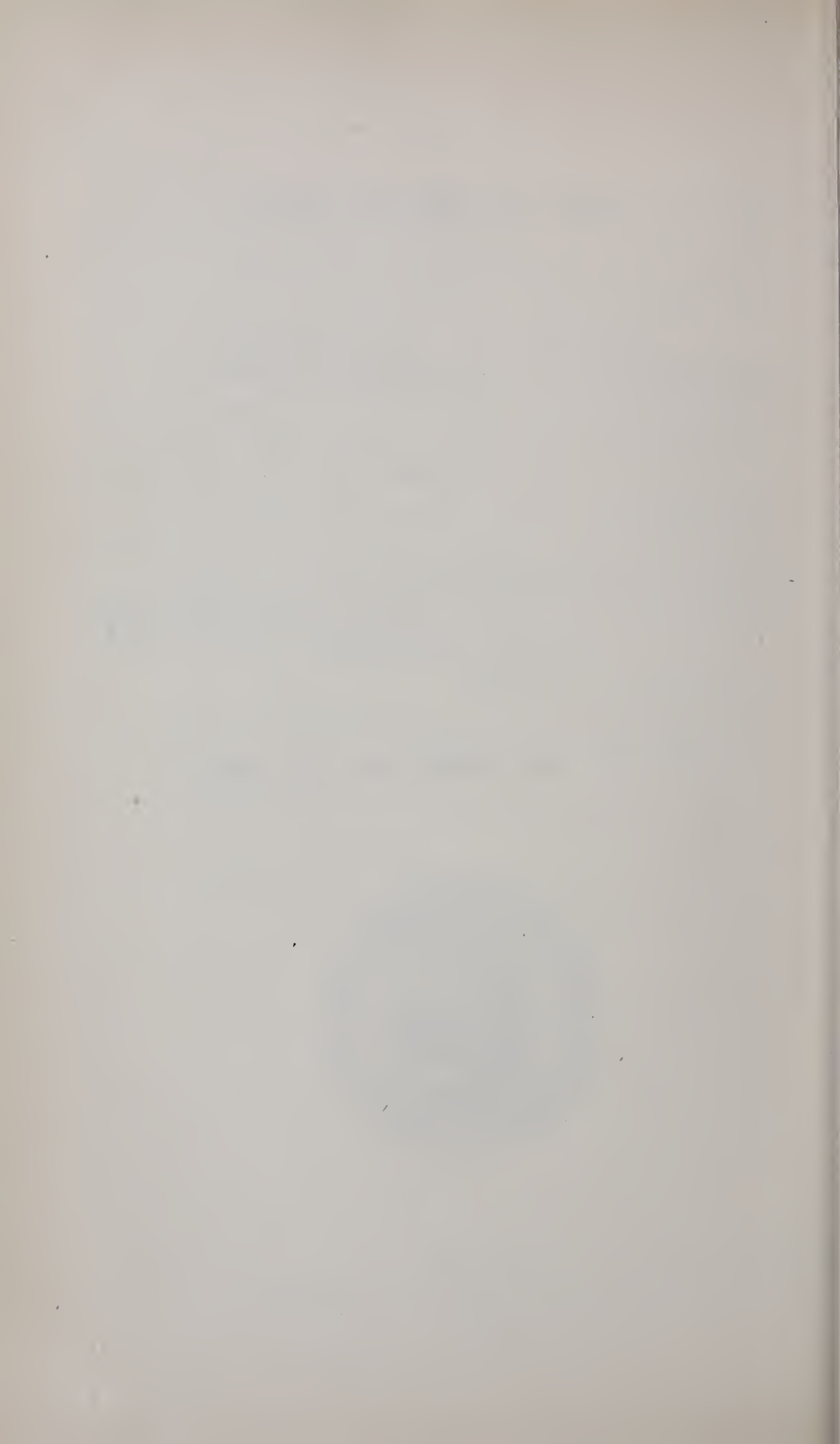
OF THE

# WATER BOARD

For the Year Ending Dec. 31, 1884.



NEWTON:  
PRESS OF THE NEWTON JOURNAL.  
1885.



# NEWTON WATER WORKS.

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*ORGANIZATION FOR 1885.*

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## **WATER BOARD:**

EDWARD W. CATE, *President.*

FRANCIS A. DEWSON.

DR. CHARLES FRED CREHORE.

ALDERMAN NOAH W. FARLEY.

COUNCILMAN ALBERT F. UPTON.

---

ALBERT S. GLOVER, *Water Registrar and Clerk of Board.*

H. NELSON HYDE, JR., *Superintendent.*

ALBERT F. NOYES, (*City Engineer*) *Engineer of Board.*





## REPORT OF THE WATER BOARD.

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To His Honor the Mayor and the City Council of the City of Newton:

The Water Board respectfully submits the following report of the transactions of the Water Department for the year ending December 31, 1884.

At the beginning of the year 1884, the constitution and organization of the Water Board was as follows: Edward W. Cate, President, Col. Francis J. Parker, Francis A. Dewson, Alderman Noah W. Farley and Councilman Albert F. Upton.

In May Col. Parker sent in his resignation to the City Council. His enthusiastic interest and past experience upon the Water Commission made him a most valuable member of the Board and every effort was made to induce him to remain but much to the regret of his associates he decided that pressure of other business would not permit him to perform the duties of the position with that diligence and conscientiousness which the City had a right to expect and that therefore he must abide by his decision. Dr. Chas. Frederic Crehore was appointed by His Honor the Mayor to fill the vacancy thus caused. Dr. Crehore first met with the Board June 23, 1884.

The chief officers of the Board have been the same as during 1883, viz: Albert S. Glover, Water Registrar and Clerk of the Board; Albert F. Noyes, Engineer and H. Nelson Hyde, Jr., Superintendent.

In its last report the Board expressed the belief that the troubles with the foundations of the Engine at the Pumping Station had finally ceased.

The Board is happy to say that this belief has been verified as not the least difficulty has been experienced during last year.

During past years it has been the custom to use anthracite coal as fuel at the Pumping Station. In the early part of 1884 the Board decided to try the experiment of using bituminous coal, which necessitated some alteration in the boiler furnaces at a cost of \$141.78. From present indications this amount will be annually saved by the substitution.

During the spring of the past year notwithstanding the fact that the Filter Basin was thoroughly cleaned out during the summer of 1883, numerous complaints were made to the Board of the offensive taste and smell of the water. Both the Engineer and Superintendent made a thorough investigation of the matter and came practically to the same conclusion. The Engineer in his report says as follows:

“Early in the year numerous complaints of the bad taste and smell of the water were made and at the request of the Water Registrar who notified me immediately upon receiving any complaint, I made a personal examination of each case but could associate its cause with no general law except that it occurred soon after each pumping and lasted but a few hours, or a day at most.

While it would appear in water standing in an earthen pitcher over night, it would disappear in six or eight hours more and the water be clear and free from taste or smell.

In houses where the water drawn from pipes early in the morning would be almost unfit for use, it would be right before night.

In one or two cases a thick scum of what appeared to be decayed vegetable substance was found on the surface of the water in the house tanks.

After the repeated pumping out and thorough cleansing of the Filtering Basin, the trouble entirely disappeared. My conclusions were that the trouble was due to the floatage and decomposition in the pipe of fine particles of algæ deposited on and incorporated with the sand on the slopes of the banks by the numerous cleanings given the basin the previous summer.

From the excessive drought and increased consumption of water during the summer of 1883 the basin was kept at a low level until late in the winter, and the trouble was noticeable at the first pumping after the rise of the water to its usual level."

The Superintendent, in his report says as follows:

"In the spring of 1884 you will remember we had numerous complaints of the bad taste of the water all over the city. I then tried the experiment of blowing out the mains thoroughly, by closing the gates and taking the pressure through each line of pipe separately; the result exceeded my expectations, for as it thoroughly cleaned out the pipes of everything that would stick to them, we also found in all sections of the city, more especially at the dead ends of pipe the dead algæ that we have in the basin, which had been pumped into the pipes, causing no doubt the peculiar taste and smell in the water; this was all caused, or the greater part of it, by not using the screens at the Filter Basin, for since the Water Board ordered the screens put in, our troubles in that respect have in a great measure ceased."



Having ascertained the cause, means have been taken to prevent, as far as possible the recurrence of the trouble. The Filter Basin has been very carefully looked after and cleaned by the Superintendent; the water has been very carefully screened and the Engineer is now perfecting a floating screen, which besides screening the water, will facilitate the removal of the algæ.

May fourth a fire destroyed a portion of the fence enclosing the City's land at the Filter Basin. This fence was an ordinary board fence and as fires in that vicinity are liable to frequently occur during the summer seasons, especially during dry seasons, it was decided to replace the section destroyed by a fence constructed of wire. This was done at an expense of \$162.30.

#### ADDITIONAL SUPPLY.

While the charter gives us the right to take water from the Charles River, a larger part comes directly from the ground and never reaches the river as is shown by the low temperature of the water in summer and its high temperature in winter. The amount of water thus derived is directly dependent upon the height of the ground water, the amount being at its minimum in times of extreme drought and after a long continued draught upon the supply.

The continuous wet weather of the past summer greatly reduced the consumption and increased the supply so that the shortage of the previous summer has not been felt, but the comparative dry weather of the Fall and consequent increased consumption showed that measures should be immediately adopted to extend the supply if it is not to be taken directly from the river.

This question of additional supply occupied the attention of the Board to a considerable degree during the past year. No plan has been settled upon to recommend to the City Council for adoption, but the Board has several times personally examined tracts of land in the neighborhood of the present Filter Basin and the Engineer is now engaged upon some experiments in that section by means of which the Board hope to be able to decide upon some plan which will most effectually and at as small expense as possible effect the object desired.

### **HIGH SERVICE.**

The Board would respectfully call the attention of the City Council to its recommendation regarding high service in its report for the year 1883.

### **VISIT OF THE NEW ENGLAND WATER WORKS ASSOCIATION.**

September 24th, the New England Water Works Association held its Fall meeting in Newton and was entertained by the Water Board. The exercises of the day consisted of a drive about the City and an inspection of the Water Works, a lunch at Woodland Park Hotel, a visit to Chestnut Hill Reservoir and a dinner in the evening.

Any allusion to the satisfactory manner in which everything passed off would partake of the nature of self-praise, but it is only just to say that whatever of credit there was is due to the efficiency of the Heads of Departments of the Water Works.

The Board would also take this opportunity to thank the City Council and through them the citizens of Newton for the generous manner in which material aid was furnished the Board to carry out its programme.



The works are all in good condition and the employees of the Department have performed good and efficient service during the past year.

The routine work of the department will be found described in the tables hereto annexed, to which your attention is respectfully called.

TABLE SHOWING LOCATION, SIZES, LENGTHS, ETC., OF MAINS LAID DURING 1884.

| STREET.                    | WARD. | LOCATION.                         | Length each size in ft. |       |       | GATES. | HYDRANTS. | CUBIC YARDS<br>ROCK. |
|----------------------------|-------|-----------------------------------|-------------------------|-------|-------|--------|-----------|----------------------|
|                            |       |                                   | 12-IN.                  | 6-IN. | 4-IN. |        |           |                      |
| Alington and Brighton . .  | 7     | Extended south-east . . . . .     | ..                      | 156   | ..    | 1      | 1         | ..                   |
| Boylston . . . . .         | 5     | " east . . . . .                  | ..                      | 463   | ..    | ..     | 1         | 46.65                |
| Central . . . . .          | 4     | " south-west . . . . .            | ..                      | 145   | ..    | ..     | 1         | ..                   |
| Church . . . . .           | 7     | " from Park to Waveley Avenue .   | ..                      | 481   | ..    | 1      | 1         | ..                   |
| Cottage and Columbia Ave.  | 5     | " " Elliott . . . . .             | ..                      | ..    | 210   | ..     | ..        | 2.50                 |
| Duncklee . . . . .         | 5     | " " Walnut, west . . . . .        | ..                      | 212   | ..    | 1      | ..        | 3.60                 |
| Fairmont Avenue . . . . .  | 1     | " west . . . . .                  | ..                      | 332   | ..    | ..     | ..        | ..                   |
| Floral Avenue . . . . .    | 5     | " from Walnut, south-west . . . . | ..                      | 379   | ..    | ..     | ..        | ..                   |
| Hartford . . . . .         | 5     | " " Boylston, north-east . . . .  | ..                      | 314   | ..    | 1      | ..        | ..                   |
| Irving . . . . .           | 6     | " " Ward, south . . . . .         | ..                      | 249   | ..    | 1      | ..        | 4.                   |
| Kingsbury . . . . .        | 6     | " " Hammond, south-west . . . .   | ..                      | 420   | ..    | 1      | 1         | 29.75                |
| Knowles . . . . .          | 6     | " south . . . . .                 | ..                      | ..    | 216   | ..     | ..        | 3.70                 |
| Lexington . . . . .        | 4     | " north . . . . .                 | ..                      | 741   | ..    | ..     | 1         | ..                   |
| Marshall . . . . .         | 6     | " from Summer, east . . . . .     | ..                      | 435   | ..    | 1      | 1         | 15.80                |
| Nevada . . . . .           | 2     | " north-west . . . . .            | ..                      | 424   | ..    | ..     | 1         | ..                   |
| Newtonville Avenue . . . . | 2     | " east . . . . .                  | ..                      | 544   | ..    | ..     | 1         | ..                   |
| North Adams . . . . .      | 2     | " from Watertown, north-west . .  | ..                      | 464   | ..    | 1      | 1         | ..                   |
| Otis . . . . .             | 2     | " to connect " dead ends " . . .  | ..                      | 345   | ..    | ..     | ..        | 126.40               |
| Park Avenue and Cotton . . | 6 & 7 | " from Sargent . . . . .          | ..                      | 1,648 | ..    | 1      | 2         | ..                   |
| Park Place . . . . .       | 2     | " " Washington Park, south . .    | ..                      | ..    | 345   | ..     | 1         | ..                   |
| Parker . . . . .           | 6     | " south . . . . .                 | ..                      | 510   | ..    | ..     | ..        | 57.60                |
| Perkins . . . . .          | 3     | " to set hydrant . . . . .        | ..                      | 62    | ..    | ..     | ..        | ..                   |
| Seaverns . . . . .         | 4     | " east . . . . .                  | ..                      | ..    | 212   | ..     | ..        | 7.60                 |
| Stanford . . . . .         | 4     | " from Lexington, west . . . . .  | ..                      | 520   | ..    | 1      | 1         | ..                   |
| Walnut . . . . .           | 5     | " north . . . . .                 | 242                     | ..    | ..    | ..     | 1         | ..                   |
| Washington Place . . . . . | 2     | " east . . . . .                  | ..                      | 107   | ..    | ..     | ..        | 8.59                 |
| Total . . . . .            |       |                                   | 242                     | 8,951 | 983   | 10     | 15        | 306.10               |

# MAIN PIPE OF ALL SIZES, LAID TO DECEMBER 31, 1884.

| WHEN LAID.                             | LENGTH IN FEET OF DIFFERENT SIZES. |        |        |        |        |         |        | TOTAL.   |
|--|------------------------------------|--------|--------|--------|--------|---------|--------|----------|
|  | 24-IN.                             | 20-IN. | 16-IN. | 12-IN. | 8-IN.  | 6-IN.   | 4-IN.  |          |
| Laid previous to Jan. 1, 1878. . . . . | 761                                | 18,012 | 2,457  | 58,032 | 53,321 | 116,815 | 23,235 | 273,533  |
| Laid during 1878 . . . . .             | . .                                | . .    | . .    | . .    | 180    | 8,391   | 2,085  | 10,636   |
| Laid during 1879 . . . . .             | . .                                | . .    | . .    | 1,083  | 947    | 13,148  | 3,122  | 18,300   |
| Laid during 1880 . . . . .             | . .                                | . .    | . .    | 754    | 1,484  | 9,728   | 4,053  | 16,019   |
| Laid during 1881 . . . . .             | . .                                | . .    | . .    | . .    | 484    | 7,449   | 2,483  | 10,416   |
| Laid during 1882 . . . . .             | . .                                | . .    | . .    | . .    | 1,211  | 10,416  | 2,605  | 14,232   |
| Laid during 1883 . . . . .             | . .                                | . .    | . .    | 1,242  | 2,656  | 7,941   | 2,304  | 14,143   |
| Laid during 1884 . . . . .             | . .                                | . .    | . .    | 242    | . .    | 8,951   | 983    | 10,176   |
| Total . . . . .                        | 761                                | 18,012 | 2,457  | 62,253 | 60,283 | 182,839 | 40,870 | 367,475. |

Total length of main laid to date 367,475 ft. or 69.59 miles.

**SERVICE PIPES.**

There have been laid during the past year 179 service pipes and the following table shows the number and lengths of the different sizes laid each month :—

| MONTH.              | SIZE OF PIPE. |                    |          |                    |         |                    |         |                    | TOTAL. |                    |
|---------------------|---------------|--------------------|----------|--------------------|---------|--------------------|---------|--------------------|--------|--------------------|
|                     | 2-INCH.       |                    | 1½-INCH. |                    | 1-INCH. |                    | ¾-INCH. |                    |        |                    |
|                     | No.           | Length<br>in Feet. | No.      | Length<br>in Feet. | No.     | Length<br>in Feet. | No.     | Length<br>in Feet. | No.    | Length<br>in Feet. |
| January . . . . .   |               |                    |          |                    | 1       | 99.55              | 3       | 140.70             | 4      | 240.25             |
| February . . . . .  |               |                    |          |                    | 6       | 380.90             | 3       | 181.75             | 9      | 562.65             |
| March . . . . .     |               |                    |          |                    | 1       | 170.60             | 8       | 312.05             | 9      | 482.65             |
| April . . . . .     |               |                    |          |                    | 2       | 175.95             | 15      | 810.75             | 17     | 986.70             |
| May . . . . .       |               |                    |          |                    | 7       | 747.30             | 13      | 1,205.55           | 25     | 1,952.85           |
| June . . . . .      | 1             | 79.10              |          |                    | 2       | 158.45             | 13      | 802.20             | 16     | 1,039.75           |
| July . . . . .      | 1             | 139.90             |          |                    | 3       | 418.45             | 9       | 446.30             | 13     | 1,004.65           |
| August . . . . .    |               |                    |          |                    | 2       | 188.20             | 10      | 459.35             | 12     | 647.55             |
| September . . . . . |               |                    |          |                    | 3       | 252.10             | 14      | 606.30             | 17     | 858.40             |
| October . . . . .   | 1             | 60.80              | 1        | 29.00              | 1       | 167.30             | 14      | 724.90             | 17     | 982.00             |
| November . . . . .  |               | 1,080.20           |          |                    | 3       | 299.15             | 21      | 1,038.20           | 24     | 2,417.55           |
| December . . . . .  |               |                    | 1        | 33.89              | 1       | 96.15              | 14      | 808.75             | 16     | 938.79             |
| Total . . . . .     | 3             | 1,360.00           | 2        | 62.89              | 32      | 3,154.10           | 142     | 7,536.80           | 179    | 12,113.79          |

The following table gives the number and lengths of services laid to date, by years :—

| LOCATION.                      | NUMBER. | LENGTH IN FEET. |
|--------------------------------|---------|-----------------|
| Laid to January 1878 . . . . . | 1497    | 104,065         |
| During 1878 . . . . .          | 188     | 15,449          |
| During 1879 . . . . .          | 232     | 13,670          |
| During 1880 . . . . .          | 228     | 18,039          |
| During 1881 . . . . .          | 267     | 14,675          |
| During 1882 . . . . .          | 169     | 10,904          |
| During 1883 . . . . .          | 159     | 11,709          |
| During 1884 . . . . .          | 179     | 12,113          |
| Total . . . . .                | 2919    | 200,624         |

**STATEMENT OF SERVICES IN USE DEC. 31, 1884.**

|  |       |
|--|-------|
| Number of services laid throughout the city  |       |
| Dec. 31, 1884 . . . . .                      | 2,919 |
| Number of services shut off for non-payment. |       |
| remaining off Dec. 31, 1883 . . . . .        | 6     |
| Number of these turned on during the past    |       |
| year . . . . .                               | 1     |
| Leaving of these still shut off . . . . .    | — 5   |
| Number of services shut off for non-payment  |       |
| during the past year . . . . .               | 12    |
| Number of these turned on again during the   |       |
| past year . . . . .                          | 8     |
| Leaving of these still shut off . . . . .    | — 4   |
| Number of services turned off by request,    |       |
| remaining off Dec. 31, 1883 . . . . .        | 86    |
| Number of these turned on during the past    |       |
| year . . . . .                               | 26    |
| Leaving of these still shut off . . . . .    | — 60  |
| Number of services turned off by request     |       |
| during the past year . . . . .               | 102   |
| Number of these turned on again during the   |       |
| past year . . . . .                          | 74    |
| Leaving of these still shut off . . . . .    | — 28  |
| Number of services once turned on, remain-   |       |
| ing off Dec. 31, 1884 . . . . .              | — 97  |
| Number of services never turned on . . . . . | 106   |
| Total number of services remaining off Dec.  |       |
| 31, 1884 . . . . .                           | — 203 |
| Leaving number of services in use Dec. 31,   | —     |
| 1884 . . . . .                               | 2,716 |



**SUPPLY PIPE.**

Besides the length of main pipe given above there have been laid 902 ft. of supply pipe as follows:

Cottage St., Ward 5, 348 ft. of 2 in. pipe.

Grant Ave., " 6, 413 " " 2 " "

Eden " " 3, 141 " " 2 " "

---

Total 902 " " 2 " "

**HYDRANTS.**

In addition to the 15 hydrants given in a preceding table as set on new mains 13 have been set on old extensions making 28 in all for the year and a total of 433 throughout the City Dec. 31, 1884. During the year about 50 of them have needed repairs and all have been newly packed, oiled and painted.

**STAND PIPES.**

There have been erected during the year nine new Stand Pipes for use in street watering making total number, to date, forty-one.

**GATE AND SERVICE BOXES.**

Thirty-two wooden gate-boxes and 212 wooden service-boxes have been taken out on account of their bad condition and replaced by iron boxes.

**BLOW OFFS.**

For the proper flushing of the mains eight new blow-offs have been put in on old extensions, during the year.



### REPAIRS ON MAIN PIPE.

Eight leaks in the main pipe have been found and repaired.

75 feet of 8 inch pipe on Vernon street and 100 feet of 6 inch pipe on Marshall street were lowered to conform to new grade.

700 feet of eight inch pipe on Lexington street and 75 feet of four inch pipe on Seaverns street were raised to conform to new grade.

The mains have been thoroughly flushed every month during the year.

### REPAIRS ON SERVICE PIPES.

Eight discontinued services have been plugged at the main.

Eighteen leaks in services have occurred and been repaired.

Fourteen pipes, burst on account of freezing, have been repaired.

Twelve pipes have been changed to conform to new grade.

## METERS.

There have been set during the past year 129 meters, of which 126 were Crown, and one each were Worthington, Union, Rotary and Equitable.

The following table gives the classification and number of meters now in use :

| DESCRIPTION.      | SIZE.              |                    |                    |       |                      |       |       | TOTAL. |
|-------------------|--------------------|--------------------|--------------------|-------|----------------------|-------|-------|--------|
|                   | $\frac{1}{2}$ -IN. | $\frac{3}{8}$ -IN. | $\frac{1}{4}$ -IN. | 1-IN. | 1 $\frac{1}{2}$ -IN. | 2-IN. | 3-IN. |        |
| Worthington. . .  | ..                 | 302                | 6                  | 3     | ..                   | ..    | 1     | 312    |
| Crown . . . . .   | 278                | .                  | 3                  | 9     | 1                    | ..    | 2     | 293    |
| Union Piston . .  | ..                 | 196                | 19                 | 1     | ..                   | ..    | ..    | 216    |
| Union Rotary . .  | ..                 | 40                 | 3                  | 4     | ..                   | 2     | ..    | 49     |
| Spooner . . . . . | ..                 | ..                 | ..                 | ..    | ..                   | ..    | ..    | 2      |
| Desper . . . . .  | ..                 | 3                  | ..                 | ..    | ..                   | ..    | ..    | 3      |
| Boston . . . . .  | ..                 | ..                 | 1                  | ..    | ..                   | ..    | ..    | 1      |
| Equitable . . . . | ..                 | 1                  | ..                 | ..    | ..                   | ..    | ..    | 1      |
| Indicator . . . . | ..                 | ..                 | ..                 | 1     | ..                   | ..    | ..    | 1      |
| Total . . . . .   | 278                | 542                | 34                 | 18    | 1                    | 2     | 3     | 878    |

The meters receive careful and frequent inspection and during the past year about seventy-five were taken out and repaired besides quite a number that were attended to for small defects without removal.

### WATER PUMPED AND CONSUMED.

There were pumped during 1884, 196,793,464 gallons of water — about 33 million less than in 1883 and 20 million less than in 1882. During the year the Reservoir has been kept at an average elevation of 15.34 feet representing a supply of a little over 12 million of gallons. The following table shows the average daily consumption during the past seven years and the accompanying table prepared by the City Engineer shows the same graphically together with the rain fall during the same time:

| MONTH.          | 1878.   | 1879.   | 1880.   | 1881.   | 1882.   | 1883.     | 1884.   |
|-----------------|---------|---------|---------|---------|---------|-----------|---------|
| January . . .   | 286,234 | 309,645 | 386,524 | 406,212 | 445,257 | 526,943   | 449,079 |
| February . . .  | 274,792 | 300,275 | 341,920 | 397,346 | 470,841 | 481,437   | 444,011 |
| March . . . .   | 227,484 | 300,048 | 325,996 | 354,168 | 541,149 | 503,804   | 473,190 |
| April . . . . . | 221,508 | 297,850 | 381,002 | 392,617 | 477,540 | 494,281   | 451,722 |
| May . . . . .   | 294,278 | 388,671 | 514,382 | 466,234 | 510,951 | 568,500   | 522,412 |
| June . . . . .  | 369,844 | 455,924 | 719,348 | 475,573 | 646,752 | 719,838   | 679,588 |
| July . . . . .  | 557,446 | 488,733 | 515,623 | 520,529 | 764,985 | 818,209   | 626,404 |
| August . . . .  | 386,916 | 502,418 | 540,408 | 510,214 | 944,486 | 1,042,608 | 560,032 |
| September . .   | 374,517 | 387,366 | 530,826 | 550,974 | 712,994 | 882,348   | 663,817 |
| October . . .   | 343,431 | 370,238 | 419,474 | 467,155 | 601,595 | 511,039   | 552,219 |
| November . .    | 304,208 | 361,446 | 384,683 | 440,689 | 520,946 | 482,570   | 476,116 |
| December . .    | 297,890 | 336,777 | 364,196 | 426,752 | 501,669 | 460,994   | 497,075 |
| Daily average,  | 328,212 | 374,949 | 452,032 | 450,705 | 594,930 | 624,381   | 532,804 |

# RECEIPTS FOR THE YEAR 1884.

|   |             |                         |
|---|-------------|-------------------------|
| Received on account of water-rates<br>of 1884 . . . . .       | \$33,024 75 |                         |
| Received on account of water-rates<br>of 1883 . . . . .       | 444 16      |                         |
| Received on account of meter-rates,                           | 16,244 96   |                         |
| Received on account of build'g-rates,                         | 55 14       |                         |
|   | <hr/>       | \$49,769 01             |
| Received for service-pipes . . .                              | \$2,813 85  |                         |
| Received for meters and setting . .                           | 2,687 75    |                         |
| Received for repairing meters . . .                           | 208 57      |                         |
| Received for repairing services . . .                         | 35 76       |                         |
| Received for turning off and on<br>water, etc. . . . .        | 133 45      |                         |
| Received for changing location of<br>main B. & A. R. R. . . . | 1,480 84    |                         |
|   | <hr/>       | 7,360 22                |
| Total receipts during 1884,                                   |             | <hr/> \$57,129 23 <hr/> |

**EXPENDITURES FOR THE YEAR 1884.****MAINTENANCE ACCOUNT.**

|   |            |                    |
|---|------------|--------------------|
| Amount of appropriation . . .   |            | \$13,500 00        |
| Expense of water registrar's office,<br>including salary of registrar,<br>inspector, travelling and miscel-<br>laneous expenses . . . .   | \$2,578 40 |                    |
| Expense of superintendent's office,<br>including salary of superinten-<br>dent, travelling, miscellaneous<br>and pipe-yard expenses . . . | 2,180 03   |                    |
| Expense at pumping station, includ-<br>ing salaries of engineer, and<br>fireman, fuel, repairs and sup-<br>plies, . . . . .               | 5,343 00   |                    |
| Expense of maintaining reservoir,   | 547 91     |                    |
| Expense of maintaining mains .  | 675 40     |                    |
| Expense of maintaining hydrants,  | 385 26     |                    |
| Expense of maintaining service-<br>pipes . . . . .  | 182 15     |                    |
| Expense of maintaining filter-basin   | 933 74     |                    |
| Expense of maintaining stand-pipes  | 136 96     |                    |
| Expense of maintaining city teams   | 233 09     |                    |
| Expense of maintaining watering<br>troughs . . . . .  | 14 39      |                    |
| Expense of maintaining drinking<br>posts . . . . .  | 8 15       |                    |
| Expense of maintaining dwelling<br>of engineer and fireman . .  | 14 96      |                    |
| Miscellaneous expenses . . . .  | 118 50     |                    |
| Total   |            | <u>\$13,351 94</u> |
| Balance unexpended  |            | <u>148 06</u>      |



**SERVICE AND METER ACCOUNT.**

|  |            |
|--|------------|
| Amount of appropriation . . .              | \$5,600 00 |
| Expended for new services . . . \$2,055 01 |            |
| Expended for new meters . . . 2,415 65     |            |
| Expended for maintenance services 114 39   |            |
| Expended for maintenance of meters 344 83  |            |
| Expended for inspection . . . 427 50       |            |
| Expended for city teams . . . 219 59       |            |
| Expended for flooding fields . . . 8 00    |            |
| <hr/>                                      |            |
| Total                                      | 5,584 97   |
| <hr/>                                      |            |
| Unexpended balance                         | 15 03      |
| <hr/>                                      |            |

**CONSTRUCTION ACCOUNT.**

|   |             |
|---|-------------|
| Expended for new mains . . . . .                | \$15,767 34 |
| Expended for new hydrants . . . . .             | 2,143 08    |
| Expended for new services . . . . .             | 3,744 07    |
| Expended for new stand-pipes . . . . .          | 315 78      |
| Expended for new gates . . . . .                | 430 75      |
| Expended for new gate-boxes . . . . .           | 1,093 42    |
| Expended for tools and repairs . . . . .        | 584 74      |
| Expended for city teams . . . . .               | 326 74      |
| Expended for pumping station . . . . .          | 29 92       |
| Expended for engineer's dwelling . . . . .      | 72 00       |
| Expended for sundries . . . . .                 | 23 93       |
| Expended for B. & A. R. R. (acc't Circuit Road) | 541 87      |
| <hr/>   |             |
| Total expenditure, forwarded, \$25,073 64       |             |



Expenditure for Construction, forwarded, \$25,073 64  
CR.

|  |                    |
|--|--------------------|
| By amount received from B. & A. R. R. for<br>work done, during 1883, on account of<br>Hammond street, relocation, charged to<br>this account . . . . . | 1,480 84           |
| Net expenditure for the year . . . . .   | <u>\$23,592 80</u> |
| Net expenditure for construction to Dec. 31,<br>1883 . . . . .   | 942,991 93         |
| Net expenditure for construction during 1884 .   | <u>23,592 80</u>   |
| Net expenditure for construction Dec. 31, 1884,  | <u>966,584 73</u>  |

INTEREST ACCOUNT.

|   |                    |
|---|--------------------|
| Amount appropriated and expended on this account during<br>1884 . . . . . | <u>\$52,500 00</u> |
|---|--------------------|

# COMPARATIVE STATEMENT OF RECEIPTS AND EXPENDITURES FROM 1878 TO 1884 INCLUSIVE.

| YEAR.          | EXPENDITURES. |             |                      |             | RECEIPTS.    |                |            |                      | DEFICIENCY. |
|----------------|---------------|-------------|----------------------|-------------|--------------|----------------|------------|----------------------|-------------|
|                | INTEREST.     | MAINTENANCE | SERVICES AND METERS. | TOTAL.      | WATER-RATES. |                | TOTAL.     |                      |             |
|                |               |             |                      |             | FROM CITY.   | OTHER SOURCES. |            |                      |             |
|                |               |             |                      |             |              |                |            | SERVICES AND METERS. |             |
| 1878 . . . . . | \$14,800 00   | \$9,777 69  | \$6,997 45           | \$61,575 14 | \$5,896 74   | \$17,598 33    | \$5,280 55 | \$25,775 62          | \$85,799 52 |
| 1879 . . . . . | 45,500 00     | 8,841 20    | 4,860 57             | 59,201 77   | 6,132 50     | 21,023 02      | 3,138 68   | 30,294 20            | 28,907 57   |
| 1880 . . . . . | 47,750 00     | 9,223 70    | 4,212 24             | 61,185 94   | 8,919 00     | 24,815 58      | 6,192 40   | 39,926 98            | 21,238 96   |
| 1881 . . . . . | 48,900 00     | 12,682 49   | 4,951 20             | 66,533 69   | 8,533 18     | 26,953 10      | 5,206 48   | 40,692 76            | 25,840 93   |
| 1882 . . . . . | 49,600 00     | 13,811 62   | 5,500 63             | 69,002 25   | 9,729 01     | 32,703 38      | 5,454 59   | 47,886 98            | 21,115 27   |
| 1883 . . . . . | 50,900 00     | 16,266 01   | 5,498 65             | 72,664 66   | 12,851 22    | 36,476 73      | 5,727 50   | 55,055 45            | 17,609 21   |
| 1884 . . . . . | 52,500 90     | 13,351 94   | 5,584 97             | 71,436 91   | 12,127 56    | 37,641 45      | 5,879 38   | 55,648 39            | 15,788 52   |

Since the Water Works were turned over to the City by the Water Commissioners it has been the practice of the Committees having charge of the Department to require of parties desiring an extension of main pipe a guaranty of an income equal to 5 per cent. upon the cost of laying the pipe asked for, for a period of not less than five years. In July, 1883, the rule was incorporated by the City Council as a part of the Water Ordinance. The following figures show the income received during 1884 from extensions made during the last five years:

From extensions of 1879, nine per cent.

From extensions of 1880, seven per cent.

From extensions of 1881, seven and one-half per cent.

From extensions of 1882, six per cent.

From extensions of 1883, five per cent.

The great depression in the iron market induced the Board to recommend to the City Council of 1884 the purchase of an unusually large quantity of main pipe. The recommendation being adopted a contract was made with the Warren Foundry and Machine Co. of Phillipsburg, N. J., to furnish the pipe, on the cars at Newtonville, at \$29.24 per ton. As the pipe will be delivered during the spring of 1885 and will last for a period of two years the wisdom of this purchase is not fully proven, but as the amount paid for pipe used in 1884 was \$36.80 per ton it seems as though the transaction cannot fail to be of advantage to the city.

Respectfully submitted,

THE NEWTON WATER BOARD,

By EDWARD W. CATE, *President.*











ANNUAL REPORT  
OF THE  
SCHOOL COMMITTEE  
OF THE  
CITY OF NEWTON.

1884.

VOL. XLV.



NEWTON:  
PRESS OF THE NEWTON JOURNAL.  
1885.



# ORGANIZATION OF THE SCHOOL COMMITTEE.

JANUARY, 1884.

HON. J. WESLEY KIMBALL, MAYOR, CHAIRMAN, *ex officio*.

SAMUEL L. POWERS, PRESIDENT COMMON COUNCIL, *ex officio*.

JULIUS L. CLARKE, CHAIRMAN.

ISAAC HAGAR, SECRETARY.

JOHN E. KIMBALL, SUPERINTENDENT.

| <i>Elective Members.</i>       | <i>Wards.</i> | <i>Term of office expires.</i> |
|--------------------------------|---------------|--------------------------------|
| EDMUND W. CONVERSE . . . . .   | I.            | January, 1886.                 |
| CHARLES H. STONE . . . . .     | I.            | " 1886.                        |
| JOHN W. DICKINSON . . . . .    | II.           | " 1886.                        |
| A. AMELIA SMEAD . . . . .      | II.           | " 1886.                        |
| JULIUS L. CLARKE . . . . .     | III.          | " 1885.                        |
| FISHER AMES* . . . . .         | III.          | " 1885.                        |
| WILLIAM S. SMITH . . . . .     | IV.           | " 1885.                        |
| ISAAC HAGAR . . . . .          | IV.           | " 1885.                        |
| JOHN A. GOULD . . . . .        | V.            | " 1887.                        |
| ALBERT B. PUTNEY . . . . .     | V.            | " 1887.                        |
| CHARLES C. BARTON . . . . .    | VI.           | " 1887.                        |
| WILLIAM D. PHILBRICK . . . . . | VI.           | " 1887.                        |
| GEORGE W. SHINN . . . . .      | VII.          | " 1887.                        |
| LINCOLN R. STONE . . . . .     | VII.          | " 1885.                        |

\* Elected to fill a vacancy.

## STANDING COMMITTEES.

*High School.*—Julius L. Clarke, Fisher Ames, John W. Dickinson, William S. Smith.

George W. Shinn, Edmund W. Converse, Charles C. Barton, and the Mayor, *ex officio*.

*Evening Schools.*—George W. Shinn, Lincoln R. Stone, William D. Philbrick.

*Music.*—Lincoln R. Stone, A. Amelia Smead, Albert B. Putney.

*Drawing and Writing.*—A. Amelia Smead, Charles H. Stone, Albert B. Putney.

*Industrial Drawing.*—John A. Gould, Charles H. Stone, Samuel L. Powers.

*Sewing.*—A. Amelia Smead, George W. Shinn, William D. Philbrick.

*Text-Books.*—Julius L. Clarke, William S. Smith, Charles C. Barton.

*Rules and Regulations.*—George W. Shinn, John W. Dickinson, William S. Smith.

*Salaries.*—Edmund W. Converse, Samuel L. Powers, Fisher Ames.

*School-houses.*—Isaac Hagar, Charles H. Stone, Lincoln R. Stone.

*Accounts and Printing.*—Isaac Hagar, Fisher Ames, Julius L. Clarke.

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## DISTRICTS.

### NEWTON CENTRE.

CHARLES C. BARTON, Newton Centre.

WILLIAM D. PHILBRICK, Newton Centre.

JOHN A. GOULD, Newton Upper Falls.

ALBERT B. PUTNEY, Newton Highlands.

SAMUEL L. POWERS, Newton.

### UPPER FALLS.

JOHN A. GOULD, Newton Upper Falls.

ALBERT B. PUTNEY, Newton Highlands.

ISAAC HAGAR, Newton Lower Falls.

WILLIAM D. PHILBRICK, Newton Centre.

CHARLES C. BARTON, Newton Centre.

### LOWER FALLS.

WILLIAM S. SMITH, Auburndale.

FISHER AMES, West Newton.

ISAAC HAGAR, Newton Lower Falls.

### WEST NEWTON.

FISHER AMES, West Newton.

JULIUS L. CLARKE, West Newton.

JOHN W. DICKINSON, Newtonville.

WILLIAM S. SMITH, Auburndale.

A. AMELIA SMEAD, Newtonville.

### NEWTONVILLE.

JOHN W. DICKINSON, Newtonville.

A. AMELIA SMEAD, Newtonville.

LINCOLN R. STONE, Newton.

CHARLES H. STONE, Newton.

EDMUND W. CONVERSE, Newton.

### NEWTON.

LINCOLN R. STONE, Newton.

GEORGE W. SHINN, Newton.

EDMUND W. CONVERSE, Newton.

CHARLES H. STONE, Newton.

SAMUEL L. POWERS, Newton.

## ORGANIZATION OF THE SCHOOL COMMITTEE.

JANUARY, 1885.

HON. J. WESLEY KIMBALL, MAYOR, CHAIRMAN, *ex officio*.

SAMUEL L. POWERS, PRESIDENT COMMON COUNCIL, *ex officio*.

FISHER AMES, CHAIRMAN.

ISAAC HAGAR, SECRETARY.

THOMAS EMERSON, SUPERINTENDENT.

| <i>Elective Members.</i>       | <i>Wards.</i> | <i>Term of office expires.</i> |
|--------------------------------|---------------|--------------------------------|
| EDMUND W. CONVERSE . . . . .   | I.            | January, 1886.                 |
| CHARLES H. STONE . . . . .     | I.            | " 1886.                        |
| JOHN W. DICKINSON . . . . .    | II.           | " 1886.                        |
| A. AMELIA SMEAD . . . . .      | II.           | " 1886.                        |
| FISHER AMES . . . . .          | III.          | " 1888.                        |
| WILLIAM S. SMITH . . . . .     | IV.           | " 1888.                        |
| GEORGE A. WALTON . . . . .     | III.          | " 1888.                        |
| ISAAC HAGAR . . . . .          | IV.           | " 1888.                        |
| JOHN A. GOULD . . . . .        | V.            | " 1887.                        |
| ALBERT B. PUTNEY . . . . .     | V.            | " 1887.                        |
| CHARLES C. BARTON . . . . .    | VI.           | " 1887.                        |
| WILLIAM D. PHILBRICK . . . . . | VI.           | " 1887.                        |
| GEORGE W. SHINN . . . . .      | VII.          | " 1887.                        |
| ALONZO S. WEED . . . . .       | VII.          | " 1888.                        |



## STANDING COMMITTEES.

*High School.*—Fisher Ames, John W. Dickinson, William S. Smith, George W. Shinn, Edmund W. Converse, Charles C. Barton, William D. Philbrick, and the Mayor, *ex officio*.

*Evening Schools.*—George W. Shinn, Alonzo S. Weed, George A. Walton.

*Music.*—George W. Shinn, A. Amelia Smead, Albert B. Putney.

*Drawing and Writing.*—A. Amelia Smead, Charles H. Stone, Albert B. Putney.

*Industrial Drawing.*—John A. Gould, Charles H. Stone, Samuel L. Powers.

*Sewing.*—A. Amelia Smead, George W. Shinn, William D. Philbrick.

*Text-Books.*—Charles C. Barton, William S. Smith, Alonzo S. Weed.

*Rules and Regulations.*—William S. Smith, Alonzo S. Weed, George A. Walton.

*Salaries.*—Edmund W. Converse, Samuel L. Powers, John W. Dickinson.

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## DISTRICTS.

### NEWTON CENTRE.

|                                    |                                      |
|------------------------------------|--------------------------------------|
| CHARLES C. BARTON, Newton Centre.  | WILLIAM D. PHILBRICK, Newton Centre. |
| JOHN A. GOULD, Newton Upper Falls. | ALBERT B. PUTNEY, Newton Highlands.  |
| SAMUEL L. POWERS, Newton.          |                                      |

### UPPER FALLS.

|                                    |                                      |
|------------------------------------|--------------------------------------|
| JOHN A. GOULD, Newton Upper Falls. | ALBERT B. PUTNEY, Newton Highlands.  |
| ISAAC HAGAR, Newton Lower Falls.   | WILLIAM D. PHILBRICK, Newton Centre. |
| CHARLES C. BARTON, Newton Centre.  |                                      |

### AUBURNDALE AND LOWER FALLS.

|                                  |                           |
|----------------------------------|---------------------------|
| WILLIAM S. SMITH, Auburndale.    | FISHER AMES, West Newton. |
| ISAAC HAGAR, Newton Lower Falls. |                           |

### WEST NEWTON.

|                                 |                                |
|---------------------------------|--------------------------------|
| FISHER AMES, West Newton.       | GEORGE A. WALTON, West Newton. |
| JOHN W. DICKINSON, Newtonville. | WILLIAM S. SMITH, Auburndale.  |
| A. AMELIA SMEAD, Newtonville.   |                                |

### NEWTONVILLE.

|                                 |                               |
|---------------------------------|-------------------------------|
| JOHN W. DICKINSON, Newtonville. | A. AMELIA SMEAD, Newtonville. |
| ALONZO S. WEED, Newton.         | CHARLES H. STONE, Newton.     |
| EDMUND W. CONVERSE, Newton.     |                               |

### NEWTON.

|                             |                           |
|-----------------------------|---------------------------|
| GEORGE W. SHINN, Newton.    | CHARLES H. STONE, Newton. |
| EDMUND W. CONVERSE, Newton. | ALONZO S. WEED, Newton.   |
| SAMUEL L. POWERS, Newton.   |                           |

## CITY OF NEWTON.

---

IN BOARD OF SCHOOL COMMITTEE, Oct. 27, 1884.

The Chair appointed the following-named members as the committee to prepare the Annual Report; viz: Julius L. Clarke, Lincoln R. Stone, Miss A. Amelia Smead, William S. Smith and William D. Philbrick.

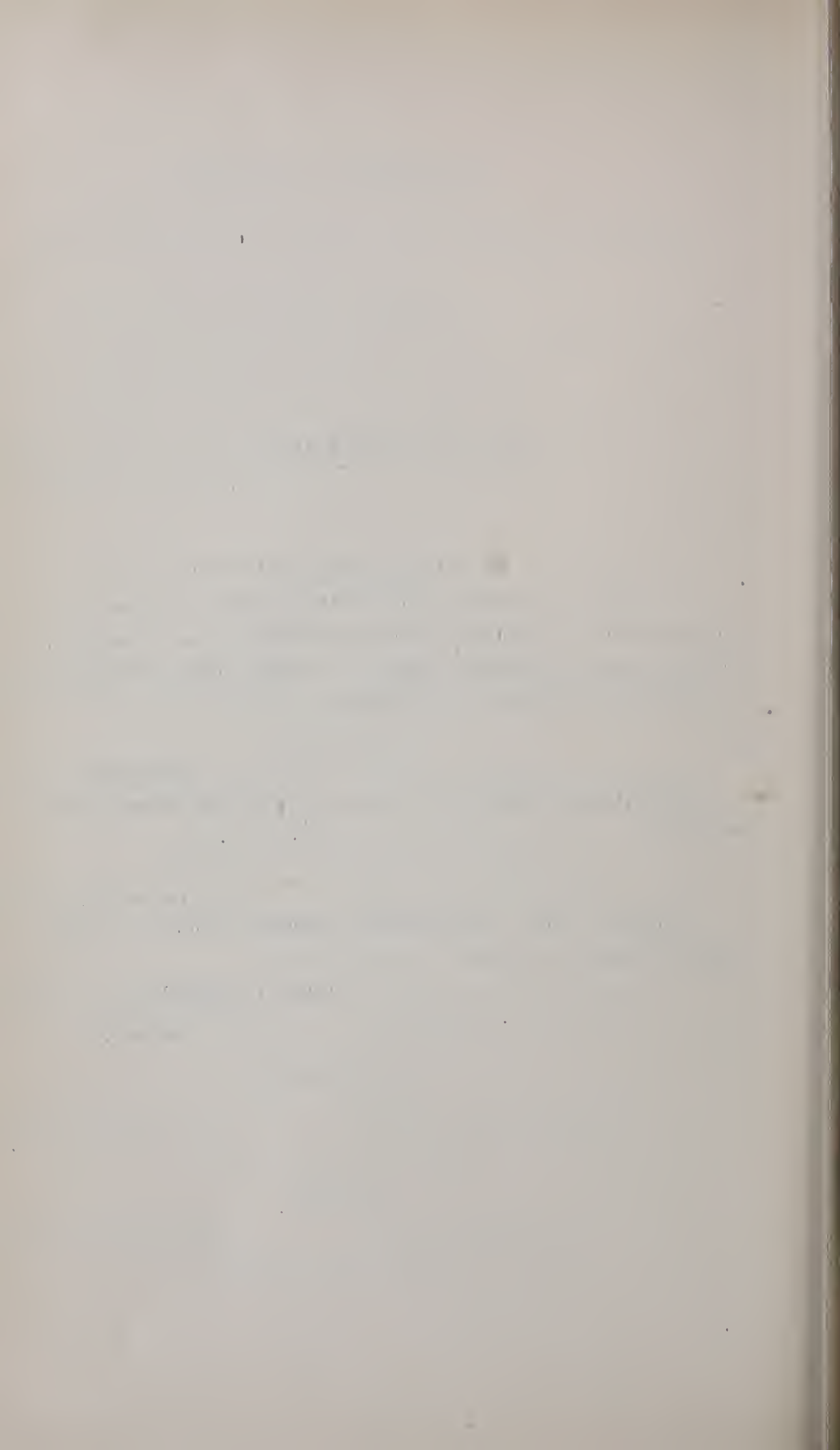
Dec. 31, 1884.

The Annual Report was presented by Mr. Clarke, and accepted.

Dec. 31, 1884.

*Ordered*, That twenty-eight hundred copies of the Annual Report be printed.

ISAAC HAGAR,  
*Secretary.*



## CONTENTS.

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|  | PAGE  |
|--|-------|
| ORGANIZATION . . . . .                           | 3-6   |
| GENERAL REPORT OF THE SCHOOL COMMITTEE . . . . . | 11-17 |
| HIGH SCHOOL . . . . .                            | 18-27 |
| Graduates . . . . .                              | 24    |
| GRAMMAR SCHOOLS . . . . .                        | 28-32 |
| Newton Centre District . . . . .                 | 28    |
| Upper Falls District . . . . .                   | 29    |
| Lower Falls District . . . . .                   | 29-31 |
| West Newton District . . . . .                   | 31    |
| Newtonville District . . . . .                   | 32    |
| Newton District . . . . .                        | 32    |
| EVENING SCHOOL . . . . .                         | 32    |
| SEWING . . . . .                                 | 33-34 |
| STATISTICS . . . . .                             | 35-38 |
| ROLL OF TEACHERS . . . . .                       | 39-44 |
| SECRETARY'S REPORT . . . . .                     | 45-46 |



# REPORT OF SCHOOL COMMITTEE.

---

TO THE CITIZENS OF NEWTON:—

The Forty-fifth Annual Report of the School Committee of Newton, herewith submitted, represents the school year ending June 27, 1884. In its preparation and arrangement, as directed by the Committee, all district and other reports heretofore separately printed, are introduced in more comprehensive form into one general and brief summary of conditions and results. Though in this respect a departure from previous usage, care has been taken to include all information of public importance furnished by district and special reports. It is hoped, therefore, that the year's experiences, as developed in our school administration, have been as acceptably and as fully recognized as may be desirable or necessary for any and all practical purposes. Their exhibit of the present and progressive condition of the schools intrusted to the supervision of the Board, is respectfully commended to the attention of all interested in the educational advancement of our city.

As already indicated, the scope of the present Report very properly precludes unnecessary discussion of educational problems or theories. It may be quite permissible, however, to remind the citizens of Newton that the grand and central idea of popular education, as inculcated in the schools for whose maintenance they so generously contribute, embraces in its broadest and noblest sense such mental and moral training as will best fit their children for the varied



struggles and possibilities of life. In this behalf we recognize the important fact that the true and effective development of such a system will give to genius, wherever and whenever capable, no matter how humble its origin, the most ample opportunity and encouragement to win success and distinction in any department of effort, whether of local, or state, or national interest and aspiration. Indeed it is a valid claim that the principle thus briefly expressed may be regarded as the crowning glory of our American system of instruction, so essential to the progress and prosperity of the Republic, and in no sense or relation secondary to that of any other nation. It is this system, so eminently practical and progressive, that claims and receives munificent recognition and encouragement from the people of our own city. With its continued accession of educational facilities and improvements, no municipality can boast of higher culture, or more inviting prestige.

With a population of 19,000 at the close of the year, we had 3,653 children between five and fifteen years of age, an increase of nearly 100 over 1883; while the average whole number of pupils in the schools was 3,276 against 3,170 for the previous year, exclusive of attendants at the Evening School. These pupils were registered in eighty-one schools or school-rooms, under the instruction of eighty-seven regular, four special, and two assistant teachers. The school year of 1884-5 commenced with eighty-two schools or school-rooms in charge of ninety-four teachers, ninety regular, three special, and one assistant, no special teacher of music having been appointed; but both schools and teachers will be increased in number on the completion of the new school buildings in Wards Three and Six.

The last three Annual Reports of the Board have called attention to the steadily increasing number of pupils, and the

consequent necessity for additional school accommodations. During the interim, the number of enrolled pupils has increased nearly four hundred, while the room available for their use has been in many instances largely overcrowded. In response to the demand the City Council has granted liberal appropriations, and as the result four new and commodious buildings have been erected, two of them in Wards Two and Four being already finished and occupied, while the other two in Wards Three and Six are rapidly approaching completion. Of the several appropriations for these four buildings, the aggregate expenditure up to the close of 1884 has been \$72,203, viz:— for the new Williams Building at Auburndale, \$34,871; for the Eliot, at Nonantum, \$16,867; and for the new buildings at Newton Centre and West Newton, \$12,400 and \$8,065, respectively, leaving an unexpended balance of about \$15,000 for the completion of the two last named. But even with these generous provisions for school accommodation, alterations and additions in some other cases, notably at the High, Claffin and Highland School Buildings, both for class exercises, and at the former for calisthenics and military drill, will soon become imperative, as explained in subsequent connections. At present the schools are accommodated in eighteen buildings, all but one owned by the city, the Thompsonville School occupying a leased building. With the buildings in process of completion, the number in use will be increased to twenty.

Newton's expenditures for the maintenance of its public schools is very properly a subject for careful and intelligent consideration, and one upon which every citizen is entitled to be fully informed. In behalf of this Board it is but just to say that the amounts annually asked for are invariably governed by actual and urgent necessity, in no case entertained without due regard for the best interests of the city

and the efficiency of the educational system. In keeping with this policy all reasonable economy is observed in the expenditure of appropriations, their aggregate thus far never exceeded, while in nearly every year a balance is returned to the city treasury, the amount so returned at the close of the school year 1883-4 being upwards of \$2,200. Those interested in the financial affairs of the city may be pleased to know that of Newton's annual appropriations for all purposes, the percentage granted for current expenses of the public schools has shown a decreasing ratio for the last twenty-five years, the percentage decreasing from twenty-five per cent. in 1850 to twenty-one and a half per cent. in 1884. Very satisfactory results appear also in the annual per capita expense for pupils in the schools. Computed on the basis of current expenses, the average per capita cost for a decade has been \$29.71, the year 1876 showing the lowest, \$28.60; and 1877 the highest, \$30.70; while in 1884 it was \$30.26, the latter considerably increased by the purchase of desks and other furniture for new school buildings, the appropriations for the latter failing to provide therefor. It may be said, further, that with this reasonable cost per capita and the decreasing percentage of appropriations for running expenses, the net increase of pupils within the last few years has been nearly one thousand.

The new statute, chapter one hundred and three of the acts of 1884, known as the "free text-book law," did not take effect till after the close of the last school year. What may be its practical working in Newton is a problem remaining to be solved. Under its provisions all school children, without regard to pecuniary conditions, are entitled to the free use of text-books and other needed supplies at the city's expense. All books furnished under this statute will be labeled as the property of the city, and their use made subject



to such rules and regulations as the Board may prescribe. Should the sum expended for this purpose amount to \$4,000 for the first year, 1884-5, as it probably will, the expenditure will be equal to about \$1.20 for each pupil in the schools, though after the first year the expense will be of course materially reduced.

The several departments of special instruction have very generally fulfilled the expectations of the Board. In music and drawing, and in physical and industrial training, commendable interest and proficiency have been maintained. Under improved regulations and methods, instruction in sewing has been exceptionally successful, a fact naturally suggesting the introduction of some appropriate industrial or mechanical education for boys contemplating early engagement in business pursuits, in which, as in all departments of effort, a knowledge of the use of tools, even though not of trades, may prove of great practical value. In this connection the Committee are gratified in being able to attest the increasing success and usefulness of evening school instruction for the benefit of adults and minors otherwise employed during ordinary school hours. It is very obvious that the earnestness and determination to acquire knowledge on the part of those deprived of other opportunity, cannot fail to benefit, directly and indirectly, all classes of the community. But further information of results attained in those various departments will be found in the summarized reports of their committees hereunto appended.

During the year an important modification of the course of study in the primary and grammar grades has been effected. Experience has shown that a grammar school course is too apt to be regulated with a view chiefly to preparation for the High School, without due consideration of the importance of rendering it complete and systematic in itself, so far

as its scope may permit. The effort to overcome this tendency has produced the nine years' course heretofore followed, but with results not in all respects satisfactory either as preparatory or complete. The course was too long for the one, and too restricted for the other. Pupils intending to enter the High School were kept back a year unnecessarily, or went forward unevenly by skipping a year; while those who stopped with the grammar school course were restricted by the fact that the work of their class was regulated with a view to promotion.

The course now adopted prescribes eight years of preparation for the High School, which is considered ample for strictly preparatory work; while the ninth year is retained for a more full and satisfactory completion of the grammar course proper, for those having no desire to go further. Under the new system the average age of those entering the High School will be fourteen, at which age the work there can be safely undertaken. The Board did not deem it practicable or desirable to prescribe a minute and rigid programme of work for each term and grade, but adopted a general outline for each year, leaving the arrangement of details and particular apportionment of the work to the Superintendent and teachers. The success of the change will require some further time for a fair test; slight irregularities will possibly require correction; while the necessary re-adjustment of the grades cannot be made at once. It is confidently believed, however, that when carried out in its true spirit, the new system will prove a decided step in advance.

In this connection the subject of manual training in the schools has received attention on the part of the Board and its Committees. Possibly some provision may be made for such instruction in the new ninth grade, but as the subject is

still a matter of doubt and discussion among educators, and as our schools are in process of re-adjustment for their new course of study, the Board is not yet disposed to venture upon an untried and experimental policy in this direction.

At the end of the last school year, Mr. John E. Kimball closed his connection with the schools of Newton, his term of service as their Superintendent having extended over the three preceding years. Mr. Thomas Emerson, the first Superintendent of the Newton schools, was thereupon re-elected to fill the vacancy, and has again entered service in his old field of labor.

Appended hereto will be found the High School report; and also district and other reports in summarized form, as directed by the Board, the whole concluding with the Secretary's report and other statistical tabulations.

JULIUS L. CLARKE,

*Chairman.*



## HIGH SCHOOL.

The Committee are pleased to recognize the continued success of this institution, so invaluable a factor in our system of popular education, and so creditable to the skill and fidelity of its teachers. For a quarter of a century, its opportunities for a higher and broader culture have been freely offered to every pupil seeking education in our schools; and however the law requiring its establishment may have been criticised, the record of the school as a whole can scarcely fail to command confidence and approbation. Referring some years ago to the fact that its stimulus permeates our entire school system, a former committee thus emphasized its declaration: "The prime apology for the existence of the High School, and its full justification, will be found in this potent *influence on our schools of lower grade*. These all feel its spur. No child in the city can escape the elevating power of the institution, which is sometimes so mistakenly branded as the school of the privileged few. All are alike drawn up by it. Every teacher in the city feels its impulse, and through the teacher every pupil,—as notably the child who never reaches it as the one who passes through it out into the world. If we have one best servant of the lower schools it is the High School."

With every year this estimate of the importance and value of our High School has gathered new and stronger verification. The methods of instruction and management appertaining to its various departments, though not claimed as absolutely perfect, combine as far as possible every desirable acquisition and improvement which wisdom and experience have suggested as thorough and progressive. In this behalf, the last year's results exhibit gratifying and con-

clusive evidence that its classes have made diligent and successful improvement of their opportunities. In all these interests, the condition and progress of the school are deservedly a cause for encouragement and congratulation.

No change occurred in its corps of teachers during the school year of 1883-4; but increasing attendance, arising in some measure from the larger percentage of pupils remaining in the School, has required the employment of two additional teachers for the year 1884-5, in order to prevent any abridgement of its educational advantages, the necessity resulting in the appointment of Miss S. Alice Ranlett and Mrs. Lydia P. Underhill. With this addition, the present teaching force numbers thirteen, including an instructor in military drill, the latter without expense to the city, the services of Maj. J. P. B. Fiske, generously and gratuitously offered, having been cordially accepted; while in the department of music no special teacher has yet been appointed.

The whole number of pupils registered for the year, covered by this report, was three hundred thirty-seven—boys one hundred fifty-three, girls one hundred eighty-four—an aggregate increase of twenty-six over the previous year, the average age of all being sixteen years and seven months. The average whole number was two hundred ninety-five, with an average daily attendance of two hundred seventy-three, or ninety-two and four-tenths per cent., the former showing an increase of twenty-five in number, and the latter twenty-three. Computed on the basis of average whole numbers, it appears that the High School has received one in ten of the pupils so registered in all the city schools during the last five years, or about one scholar to every fifty inhabitants, a much larger ratio than is found in many other cities. For details of these summarized results the appended tabulations may be of interest.

The graduating class of 1884 numbered fifty-two, of whom thirty-one had completed the full four-years' course (thirteen the classical, and eighteen the general), and the remaining twenty-one the three years' course, the unusual number of the latter making this the largest class yet graduated. Four of the graduates entered Harvard College, and one each entered Williams College, Wellesley College, Brown University, Tufts College, Boston University, Smith College, University of Michigan, Harvard Medical School, Boston University Medical School, Boston Girls' Normal School, Salem Normal School, and Dr. Gannett's School, while thirteen entered the Massachusetts Institute of Technology in addition to another pupil prepared at the High School, but not a member of the graduating class. It thus appears that more than half of the graduates (twenty-nine) are to continue their studies in other institutions; and still another is only waiting increased age to enter Harvard College. The literary exercises attending the graduation of this class, highly enjoyed and appreciated by a large audience of parents and friends, gave gratifying proof of intellectual advancement and excellence, notably in maturity and independence of thought — one of the most important results of all true teaching.

The largely increased attendance already cited, probably to be much greater in the near future, is subjected to serious inconvenience for want of proper room, both for study and recitation, as well as for physical exercise so absolutely necessary for boys and girls in school, the latter being chiefly military drill and calisthenics. The demands of the former have been temporarily relieved by permissive use of the City Hall; while the only available facilities for the two latter are extremely inadequate, if not unsafe.



It is now seven years since military instruction was first introduced as an experimental means of physical culture. Whatever opinions may be entertained as to its practical benefits, its apparent success renders it no longer an experiment, as evidenced by proficiency, personal bearing, and mental as well as physical results: If it is to be continued as an integral part of our High School curriculum, it should be aided by such facilities and conveniences as will best promote its efficiency and usefulness, not only as a means of physical training and development, but of mental culture and discipline, in both of which relations it is believed to be a successful instrumentality. Although it is not intended that interest and zeal in military drill shall for a moment interfere with other studies, its continuance for the purposes for which it was introduced imperatively necessitates additional accommodations not now available in the High School Building.

For calisthenics it is equally difficult to find proper space without diminishing the time allowed each class or division for this exercise. It is unfortunate that the only place now available for this purpose is on the second floor, as the result is an inevitable straining and racking of the building, and shaking down of ceiling below, though thus far without injury to pupils. With enlarged accommodations, these difficulties which now seriously impair the High School service will be satisfactorily overcome.

Our Regulations provide that "on recommendation of the Superintendent, subject to the approval of the Committee on the High School, pupils who for any reason are unable to pursue the full course of study in the High School *may* be admitted as special students." The erroneous impression prevails to some extent that any pupil may at his own option be or become a special student, and be thus

entitled to special privileges in respect to irregularity in attendance and other school observance. During the past year the written consent of the Superintendent has been required in the case of special students, and their number has been very greatly diminished. Should any action be had looking to a restriction of attendance at the High School, as has been suggested, it would seem wise to begin (with due regard to equity) by excluding those unable to enter and pursue one of the regular courses of study prescribed.

In conclusion it may be properly stated, as a reminder, that the classification of studies pursued in the High School is intended to meet the wants of those who, having completed their grammar school curriculum, may desire to avail themselves of more advanced courses of instruction in English and modern branches; and also the requirements of those who seek such knowledge of classical and other branches as may be necessary for their admission to colleges and other higher institutions of learning.

In the same connection an important and vital consideration affecting all the schools of the city becomes relevant, viz:—that the scholarship and usefulness of the High School, especially in its English departments of education, are essentially dependent on the material furnished by schools of lower grade. With no intended reflection upon the ability or faithfulness of teachers in any school, it may be truthfully said that on the results achieved in lower grades depends very largely the success of the High School in giving a broad and generous culture, which shall best fit its graduates for the higher departments of literary, scientific and commercial life. It may suffice to say that every year's experience in our High School administration brings new and forcible illustration of the importance of this problem. If this fact shall inspire a more complete and earnest appreciation of

responsibility on the part of our teaching forces, the suggestion will not have been in vain.

As a matter of public interest the names of graduates for 1884 are subjoined; and also tables showing the changes in attendance during the last ten years, and the distribution of pupils by classes and courses of study.

JULIUS L. CLARKE,

*Chairman.*



## GRADUATES OF THE HIGH SCHOOL, 1884.

### FOUR YEARS' COURSE.

#### CLASSICAL.

|                      |                        |
|----------------------|------------------------|
| HERBERT M. ALLEN.    | GEORGE ROYAL PULSIFER. |
| MARY H. CUTLER.      | LOUIS W. PULSIFER.     |
| CLARENCE W. GLEASON. | SUMNER ROBINSON.       |
| BERTHA F. HOWE.      | FLORENCE SAMPSON.      |
| WILLIAM S. MERRILL.  | ALICE S. TAYLOR.       |
| HENRY W. PINKHAM.    | DEAN C. WORCESTER.     |
| FREDERICK PLUMMER.   |                        |

#### GENERAL.

|                       |                      |
|-----------------------|----------------------|
| MARY ALLEN.           | FANNIE M. LEAVITT.   |
| WILLIAM H. BLOOD, JR. | BLANCHE M. NOYES.    |
| ADA L. BOWKER.        | MARY A. PAYNE.       |
| STEPHEN CHILD.        | ANASTASIA PETERS.    |
| MABEL T. HALL.        | JOHN D. PHILBRICK.   |
| ELLEN A. HANSON.      | FRANK O. STETSON.    |
| MARY G. HARKINS.      | CHARLES A. STONE.    |
| EDWIN O. JORDAN.      | MARCIA H. SYLVESTER. |
| WARREN S. KILBURN.    | CURTIS M. WHITE.     |

### THREE YEARS' COURSE.

|                      |                      |
|----------------------|----------------------|
| GRANVILLE S. ALLEN.  | CHARLES B. LOWELL.   |
| WALTER H. BARKER.    | GRACE H. MATHER.     |
| WALTER J. BERWICK.   | ERNEST S. MAY.       |
| JAMES F. BOTHFELD.   | BENJAMIN F. MERRITT. |
| GEORGE M. COX.       | CHARLES H. MOWER.    |
| ELLEN L. DOHERTY.    | WILLIAM B. PETERS.   |
| EBEN H. ELLISON.     | ALBERT E. PUTNAM.    |
| NELLIE M. FEWKES.    | FOSTER P. RANLETT.   |
| CHARLES F. HASTINGS. | JOHN L. ROLLINS.     |
| HARRIETTE E. LORD.   | GEORGE C. SCALES.    |
| EMMA A. TARBOX.      |                      |

## CHANGES IN ATTENDANCE.

| YEAR ENDING JUNE. |   |   |   |   |   |   | Total<br>Number. | Average<br>Number. | Average<br>Attendance. |
|-------------------|---|---|---|---|---|---|------------------|--------------------|------------------------|
| 1875              | - | - | - | - | - | - | 237              | 221                | 207                    |
| 1876              | - | - | - | - | - | - | 272              | 233                | 221                    |
| 1877              | - | - | - | - | - | - | 261              | 244                | 229                    |
| 1878              | - | - | - | - | - | - | 276              | 256                | 239                    |
| 1879              | - | - | - | - | - | - | 282              | 253                | 233                    |
| 1880              | - | - | - | - | - | - | 319              | 277                | 258                    |
| 1881              | - | - | - | - | - | - | 313              | 269                | 252                    |
| 1882              | - | - | - | - | - | - | 302              | 274                | 258                    |
| 1883              | - | - | - | - | - | - | 311              | 270                | 250                    |
| 1884              | - | - | - | - | - | - | 337              | 295                | 273                    |

## DISTRIBUTION BY CLASSES AND COURSES OF STUDY.

Table I.

| CLASS. |   |   |   |   |   |   | Boys. | Girls. | Total. |
|--------|---|---|---|---|---|---|-------|--------|--------|
| I.     | - | - | - | - | - | - | 21    | 22     | 43     |
| II.    | - | - | - | - | - | - | 35    | 39     | 74     |
| III.   | - | - | - | - | - | - | 33    | 52     | 85     |
| IV.    | - | - | - | - | - | - | 64    | 71     | 135    |
|        |   |   |   |   |   |   | 153   | 184    | 337    |

**Table II.**

| CLASS.     | General. | Classical. | Mercantile. | Special. | Total. |
|------------|----------|------------|-------------|----------|--------|
| I. - - -   | 18       | 15         | 1           | 9        | 43     |
| II. - - -  | 42       | 18         | 7           | 7        | 74     |
| III. - - - | 53       | 17         | 8           | 7        | 85     |
| IV. - - -  | 86       | 32         | 9           | 8        | 135    |
|            | 199      | 82         | 25          | 31       | 337    |

**Table III.—Boys.**

| CLASS.     | General. | Classical. | Mercantile. | Special. | Total. |
|------------|----------|------------|-------------|----------|--------|
| I. - - -   | 8        | 9          | 1           | 3        | 21     |
| II. - - -  | 11       | 14         | 7           | 3        | 35     |
| III. - - - | 10       | 13         | 8           | 2        | 33     |
| IV. - - -  | 31       | 23         | 9           | 1        | 64     |
|            | 60       | 59         | 25          | 9        | 153    |

**Table IV.—Girls.**

| CLASS.     | General. | Classical. | Special. | Total. |
|------------|----------|------------|----------|--------|
| I. - - -   | 10       | 6          | 6        | 22     |
| II. - - -  | 28       | 7          | 4        | 39     |
| III. - - - | 43       | 4          | 5        | 52     |
| IV. - - -  | 55       | 9          | 7        | 71     |
|            | 136      | 26         | 22       | 184    |

|  |   |   |   |   |   |   |   |   |      |
|--|---|---|---|---|---|---|---|---|------|
| Whole number (last year 311)                     | - | - | - | - | - | - | - | - | 337  |
| Average whole number (last year 270)             | - | - | - | - | - | - | - | - | 295  |
| Average daily attendance (last year 250)         | - | - | - | - | - | - | - | - | 273  |
| Per cent. attendance (last year 92.5)            | - | - | - | - | - | - | - | - | 92.4 |
| Whole number boys (last year 149)                | - | - | - | - | - | - | - | - | 153  |
| Whole number girls (last year 162)               | - | - | - | - | - | - | - | - | 184  |
| Whole number in General Course (last year 155)   | - | - | - | - | - | - | - | - | 199  |
| Whole number in Classical Course (last year 71)  | - | - | - | - | - | - | - | - | 82   |
| Whole number in Mercantile Course (last year 28) | - | - | - | - | - | - | - | - | 25   |
| Whole number in Special Courses (last year 57)   | - | - | - | - | - | - | - | - | 31   |

**Average Age, September 3, 1883.**

|            |                 |   |   |   |   |   |   |   |   |                            |
|------------|-----------------|---|---|---|---|---|---|---|---|----------------------------|
| Class I.   | $17\frac{1}{2}$ | - | - | - | - | - | - | - | - | Last year $17\frac{9}{12}$ |
| Class II.  | $17\frac{1}{2}$ | - | - | - | - | - | - | - | - | Last year $16\frac{7}{12}$ |
| Class III. | $16\frac{1}{2}$ | - | - | - | - | - | - | - | - | Last year $15\frac{0}{12}$ |
| Class IV.  | $15\frac{3}{2}$ | - | - | - | - | - | - | - | - | Last year $15\frac{3}{12}$ |

## DISTRICT AND SPECIAL REPORTS.

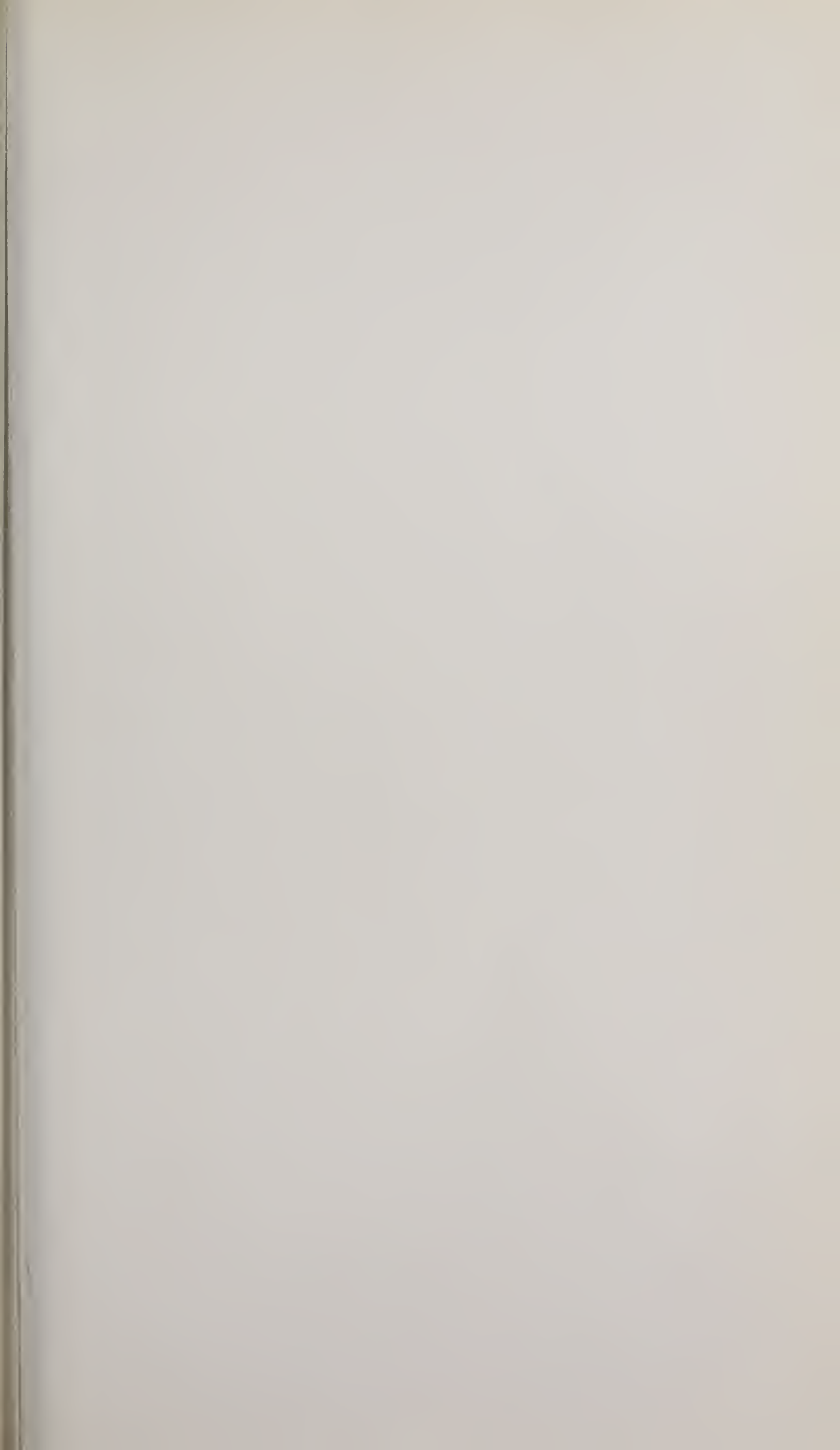
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### NEWTON CENTRE DISTRICT.

The year's work in the Mason School is reported as quite satisfactory to the Committee, though somewhat embarrassed by overcrowded rooms; but relief is anticipated in the opening of the new Primary School, this additional accommodation being deemed sufficient to meet all probable requirements for room for several years to come. Some changes occurred in the corps of teachers during the year, the resignation of Miss Sarah H. Munger, the first assistant, resulting in the promotion of Miss Della E. Dodge to that position, and the appointment of Miss Helen M. Baker as teacher in the eighth grade. At the beginning of the present year, 1884-5, the resignation of Misses Susan C. Wood and Lizzie L. Friend created two vacancies, which were filled by the appointment of Misses Annie E. Bancroft and Fannie E. Longfellow.

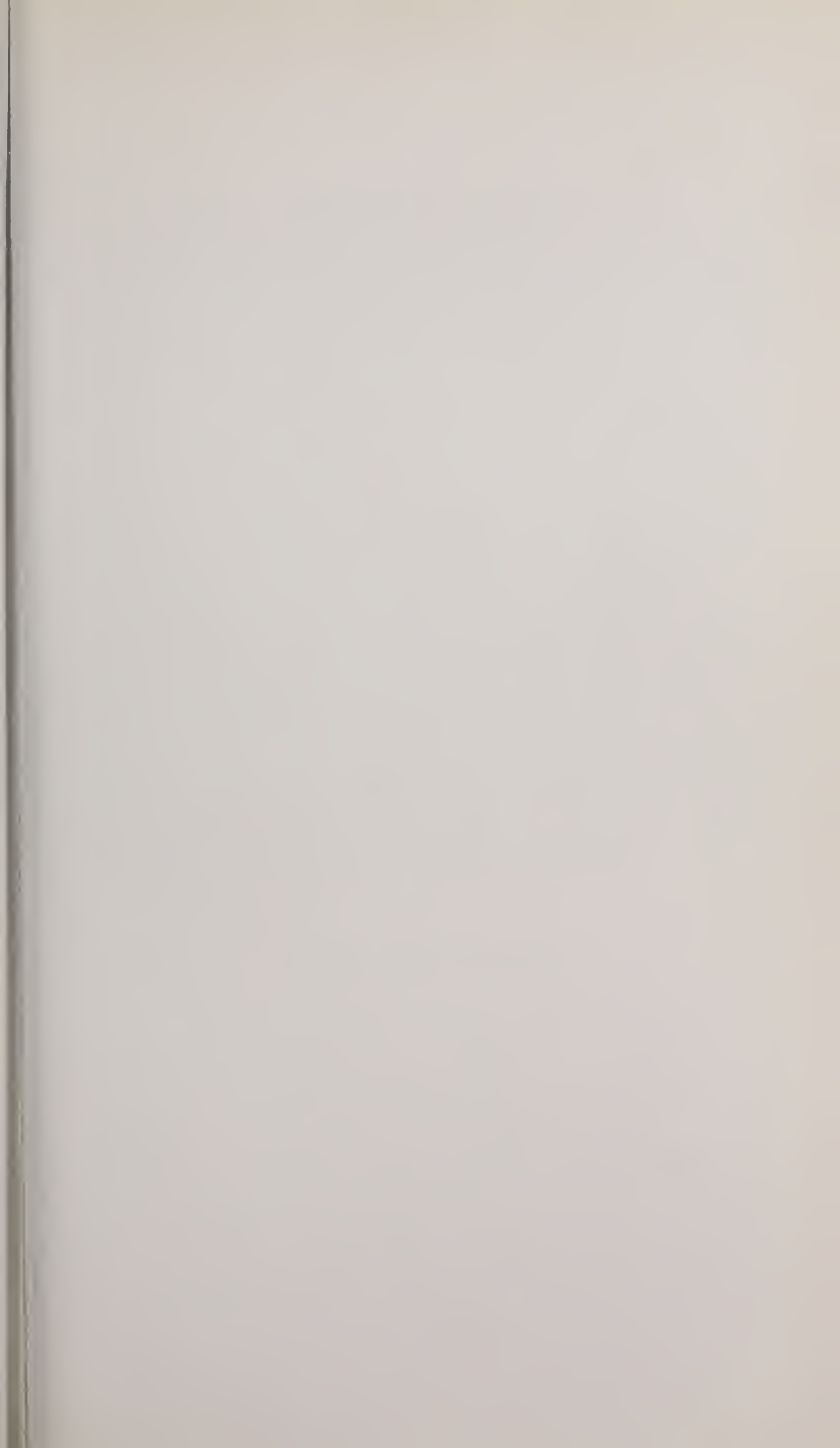
In consequence of the reduced number of pupils at the Oak Hill School, at present about twenty, only one teacher is now employed, Mr. C. Howard Wilson, who is so successfully discharging the somewhat difficult task of teaching six different grades in the same room.

The Thompsonville School is progressing under favorable auspices, its crowded condition having been relieved by the removal of the third grade to the Mason Building.











**UPPER FALLS DISTRICT.**

The Committee express gratification that no change of teachers occurred at the Hyde School during the year and that all have been so enthusiastic and efficient in their work. The school is regarded as highly prosperous, no unfavorable criticisms affecting its administration having been heard from any source. The only cause of dissatisfaction appertains to the school building itself. Without proper facilities for the regulation of temperature, either in summer or winter, badly lighted, and already lacking in necessary accommodations for increasing attendance, some improved enlargement, or a new building, will soon be called for.

The report from the Prospect School gives gratifying assurance of progress in the educational work entrusted to its teachers, evidence of which appears in the admission to the High School, without conditions, of every member of an unusually large ninth class. During the year, impaired health compelled the retirement of Mr. Frost from the school, Mr. Charles E. Hussey becoming his successor, first as substitute, and finally by unanimous promotion.

**LOWER FALLS DISTRICT.**

In their report of the Williams School the Committee cite various circumstances unfavorable to its progress during the year, among them the unfortunate necessity for continued occupancy of the old school building, which proved more than ever inadequate for the increased attendance; also the absence of an efficient head-assistant, Miss Pinnock, for more than an entire term, on account of ill health; and finally the prevalence of contagious diseases, which seriously interrupted school work. All the teachers were retained except Miss Burbank, who declined reappointment after her

five years of faithful service. The gratifying success of the sewing experiment is referred to as suggestive of some practical innovation for the lads, who are in a measure unemployed during the time given to sewing classes. It is also mentioned with pleasure that through the watchful and enterprising interest of the Master, Mr. Chandler, the Williams School has acquired at trifling cost, a collection of geological and natural history specimens which well deserves recognition at the hands of the School Board.

Unavoidable delays in the completion of the new school building prevented any formal opening ceremony, but in its structure, the Committee recognize pleasing evidence of the importance which Newton attaches to the perfecting of its educational institutions. In this connection its Chairman, Rev. William S. Smith, adds the following suggestive comparison between Newton's earlier and later school history :

One hundred and eighty years ago, the worthy but not over scholarly John Staples was the sole schoolmaster in the employment of the town of Newton, occupying in turn the first two school-houses erected within its borders, the one at the Centre, the other at Oak Hill—receiving for his services, which were at that time devoted exclusively to the boys, the modest compensation of *one shilling and six pence per day*. At the present time, within the same limits, occupying eighteen school-houses, all of them more or less magnificent and costly structures in comparison with the humble originals, are nearly one hundred accomplished and experienced teachers, administering a system of free instruction at an annual expense of more than a hundred thousand dollars. The story of this remarkable development would constitute a most interesting and inspiring chapter in the history of American progress.

The report from the Lower Falls District closes with the Hamilton School, in which the arrangement of classes and the distribution of work are represented as much better than heretofore, the serious disadvantages arising from the presence of several classes in one room, and under a single teacher, having been removed by a more equal apportionment of grades among the teachers employed. The school work of the year was, to a remarkable degree, exempt from interruption and trouble of any kind, and satisfactory in its results. The Hamilton in its ample accommodations, and in the efficiency, harmony and permanence of its educational administration, is regarded as one of the most fortunate of our city schools.

#### **WEST NEWTON DISTRICT.**

No unusual event marks the year's school history in this district. No change occurred in the corps of teachers, and the work of the year proceeded in much the same manner as usual, and, as the Committee believe, with as good results as could be reasonably expected. A large class was graduated from the Pierce School, of which an unusually large proportion entered the High School. The rooms at the Davis and Pierce buildings continue to be overcrowded, but the new schoolhouse now in process of construction, is expected to be sufficient for all needs for many years to come. The attendance has been fairly good, considering the prevalence of whooping cough in the Davis School, during a portion of the year. The large number of the pupils in the primary grade in the Davis School has rendered necessary the employment of a temporary assistant during the year.



**NEWTONVILLE DISTRICT.**

The Committee report very briefly that the schools in this district are doing well, considering the facilities at their command. Serious complaint is made, however, of the great need of globes, maps, and suitable books of reference for the illustration of their work; and also of the lack of proper accommodations for class exercises at the Claflin School.

**NEWTON DISTRICT.**

The Committee for this district express commendation of the year's work in the Bigelow School, as developed under the charge of its devoted and earnest teachers.

In the Underwood School, a vacancy caused by the resignations of its faithful and popular Principal, Miss Emma M. Cleary, to accept a position in the Boston schools, was filled by the appointment of Miss Charlotte E. Sewell from one of the Malden schools, who is proving a worthy successor. The crowded condition of this school will soon render additional accommodations indispensable.

The Lincoln School under Mrs. Nellie B. Rand, who was appointed upon the resignation of Miss A. C. Wilmarth, is making satisfactory progress.

**EVENING SCHOOL.**

The Special Committee charged with the supervision of this school accord to it the reputation of being one of the most successful in the State. Its enrolled pupils for the year numbered 125; largest attendance, 120; smallest, 30; average, 61. For five years under the charge of Mr. Levi F. Warren, aided by excellent assistants, the school has become a valuable institution, each year's results proving more and more a source of benefit to its attendants and to the city.

### INSTRUCTION IN SEWING.

Miss A. Amelia Smead, reporting for the Committee in charge of this branch of instruction, which has now been given in our schools a little more than a year, states that the work is conducted so quietly and yet enthusiastically that every objection which might have existed to its introduction is now removed. It is no longer regarded as an experiment, but must be looked upon as a fixed fact, as much so as instruction in reading or language.

Difficulties which looked formidable have vanished when brought face to face with the purpose to accomplish certain results. Instead of growing weary of the sewing hour, the interest of pupils increased during the year. The June exhibition of articles made during the year, was highly creditable to both children and sewing teachers. Many parents attended these exhibitions and expressed much gratification at what their children had learned, and a hope that the work would receive the encouragement it surely deserves.

Great credit is due the teachers of sewing, for their patient and well directed efforts in its behalf. The regular teachers have also given all necessary assistance to make the work a success, which, without their co-operation, could not have been hoped for. The number of children who received this instruction the past year was large, and the number of garments completed, more than 4500.

The teachers of sewing report the work as progressing satisfactorily the present year, 1884-5, and the interest increasing. The quality of the material now provided is superior to that of last year. A small amount of material was donated last year, for the use of some of the poorer classes. It is hoped that similar donations may be increased.

One most encouraging result of this branch of instruction in our schools, appears in the formation in some

instances of societies for benevolent work. These societies are encouraged by the Committee, as also by the regular and by the sewing teachers.

In one school, a benevolent society thus formed has made more than fifty new garments, and more than 125 have been repaired and distributed among needy families, by a committee of inquiry appointed for the purpose. Already, while learning to sew, the children are learning the best of all lessons—how to be useful.

## STATISTICS.

Population of the city, United States census of 1880 . \*17,000

Number of persons in the city between five and fifteen  
years of age, May 1, 1882, 1883 and 1884, by wards:—

| WARDS. | 1882. | 1883. | Increase. | Decrease. | 1884. | Increase. |
|--------|-------|-------|-----------|-----------|-------|-----------|
| I. .   | 463   | 512   | 49        | —         | 541   | 29        |
| II. .  | 645   | 699   | 54        | —         | 705   | 6         |
| III. . | 506   | 519   | 13        | —         | 543   | 24        |
| IV. .  | 562   | 554   | —         | 8         | 567   | 13        |
| V. .   | 470   | 460   | —         | 10        | 464   | 4         |
| VI. .  | 549   | 558   | 9         | —         | 559   | 1         |
| VII. . | 263   | 262   | —         | 1         | 274   | 12        |
| Total  | 3,458 | 3,564 | 125       | 19        | 3,653 | 89        |
| Net    | —     | —     | 106       | —         | —     | —         |

Whole number of pupils enrolled, 1883-84 . . . . . 3,963

Whole number of pupils enrolled, 1882-83 . . . . . 4,002

Decrease . . . . . 39

Average whole number of pupils, 1883-84 . . . . . 3,275.9

Average whole number of pupils, 1882-83 . . . . . 3,170.3

Increase . . . . . 105.6

Average attendance, 1883-84 . . . . . 2,992.9

Average attendance, 1882-83 . . . . . 2,903.8

Increase . . . . . 89.1

Average per cent. of attendance . . . . . 91.4

\*Now about 19,000.



Table showing the Semi-Quarterly Attendance, etc., by Schools, for the Year ending June 27, 1884.

| SCHOOLS.                | I.              |                     |                           |                     |                               | II.             |                     |                           |                     |                               | III.            |                     |                           |                     |                               | IV.             |                     |                           |                     |                               |
|-------------------------|-----------------|---------------------|---------------------------|---------------------|-------------------------------|-----------------|---------------------|---------------------------|---------------------|-------------------------------|-----------------|---------------------|---------------------------|---------------------|-------------------------------|-----------------|---------------------|---------------------------|---------------------|-------------------------------|
|                         | Average Number. | Average Attendance. | Percentage of Attendance. | Cases of Tardiness. | Cases of Corporal Punishment. | Average Number. | Average Attendance. | Percentage of Attendance. | Cases of Tardiness. | Cases of Corporal Punishment. | Average Number. | Average Attendance. | Percentage of Attendance. | Cases of Tardiness. | Cases of Corporal Punishment. | Average Number. | Average Attendance. | Percentage of Attendance. | Cases of Tardiness. | Cases of Corporal Punishment. |
| High . . . . .          | 306.3           | 295.3               | 96.4                      | 61                  | 0                             | 312.5           | 296.7               | 94.9                      | 138                 | 0                             | 307.6           | 282.                | 91.7                      | 157                 | 0                             | 298.5           | 276.                | 92.5                      | 212                 | 0                             |
| Mason . . . . .         | 395.8           | 376.4               | 95.1                      | 52                  | 0                             | 403.6           | 369.6               | 91.6                      | 88                  | 2                             | 398.4           | 352.6               | 88.5                      | 80                  | 1                             | 376.9           | 327.9               | 87.                       | 58                  | 0                             |
| Oak Hill . . . . .      | 26.2            | 24.8                | 94.7                      | 2                   | 0                             | 27.8            | 26.1                | 93.9                      | 0                   | 0                             | 27.2            | 24.5                | 88.8                      | 2                   | 0                             | 26.9            | 24.7                | 91.8                      | 4                   | 0                             |
| Thompsonville . . . . . | 34.6            | 31.6                | 91.3                      | 9                   | 0                             | 40.             | 34.2                | 85.5                      | 12                  | 0                             | 40.2            | 35.4                | 88.                       | 8                   | 0                             | 40.4            | 35.7                | 88.3                      | 8                   | 1                             |
| Hyde . . . . .          | 183.1           | 175.                | 95.5                      | 18                  | 0                             | 185.4           | 170.8               | 92.1                      | 16                  | 0                             | 188.9           | 173.2               | 91.7                      | 17                  | 1                             | 187.7           | 164.9               | 87.1                      | 36                  | 3                             |
| Prospect . . . . .      | 236.6           | 228.3               | 96.5                      | 47                  | 6                             | 232.            | 217.3               | 93.7                      | 90                  | 2                             | 232.9           | 219.2               | 94.1                      | 48                  | 0                             | 237.4           | 225.                | 94.8                      | 43                  | 1                             |
| Hamilton . . . . .      | 99.7            | 95.9                | 96.1                      | 13                  | 1                             | 103.4           | 99.4                | 96.1                      | 9                   | 0                             | 100.7           | 94.3                | 93.6                      | 21                  | 0                             | 99.8            | 94.9                | 95.1                      | 16                  | 2                             |
| Williams . . . . .      | 262.7           | 248.6               | 94.6                      | 45                  | 7                             | 267.6           | 242.2               | 90.5                      | 45                  | 7                             | 264.3           | 234.                | 88.5                      | 43                  | 2                             | 260.9           | 233.                | 89.7                      | 46                  | 3                             |
| Pierce . . . . .        | 188.2           | 179.9               | 95.6                      | 1                   | 0                             | 195.4           | 187.2               | 95.8                      | 3                   | 0                             | 200.2           | 190.                | 94.9                      | 3                   | 0                             | 197.7           | 189.3               | 95.7                      | 6                   | 2                             |
| Davis . . . . .         | 193.            | 183.7               | 95.2                      | 6                   | 0                             | 202.7           | 188.8               | 93.1                      | 7                   | 0                             | 204.1           | 183.4               | 89.9                      | 7                   | 2                             | 193.6           | 183.7               | 94.4                      | 13                  | 5                             |
| Franklin . . . . .      | 162.3           | 156.                | 96.1                      | 11                  | 7                             | 159.5           | 144.3               | 90.5                      | 19                  | 1                             | 158.5           | 138.                | 87.1                      | 15                  | 6                             | 151.9           | 136.6               | 89.9                      | 28                  | 2                             |
| Adams . . . . .         | 203.2           | 195.4               | 96.2                      | 7                   | 0                             | 210.4           | 196.                | 93.2                      | 11                  | 0                             | 213.4           | 193.7               | 90.8                      | 10                  | 0                             | 204.7           | 187.2               | 91.4                      | 21                  | 0                             |
| Claflin . . . . .       | 163.9           | 156.8               | 95.7                      | 11                  | 0                             | 166.4           | 149.4               | 89.8                      | 14                  | 0                             | 160.            | 142.9               | 89.3                      | 15                  | 5                             | 156.7           | 146.                | 93.2                      | 5                   | 0                             |
| Jackson . . . . .       | 323.9           | 296.8               | 91.6                      | 29                  | 6                             | 298.7           | 265.3               | 88.8                      | 35                  | 6                             | 295.4           | 256.4               | 86.8                      | 29                  | 4                             | 288.1           | 255.5               | 88.7                      | 44                  | 1                             |
| Eliot . . . . .         |                 |                     |                           |                     |                               |                 |                     |                           |                     |                               |                 |                     |                           |                     |                               |                 |                     |                           |                     |                               |
| Bigelow . . . . .       | 297.9           | 288.8               | 96.9                      | 23                  | 0                             | 312.4           | 297.7               | 95.3                      | 47                  | 0                             | 309.5           | 285.6               | 92.3                      | 42                  | 0                             | 301.6           | 281.                | 93.2                      | 61                  | 0                             |
| Underwood . . . . .     | 179.2           | 169.6               | 94.6                      | 28                  | 1                             | 185.2           | 170.2               | 91.9                      | 50                  | 1                             | 184.3           | 159.                | 86.3                      | 71                  | 1                             | 180.4           | 157.4               | 87.3                      | 72                  | 0                             |
| Lincoln . . . . .       | 40.2            | 38.4                | 95.5                      | 19                  | 1                             | 50.1            | 45.1                | 90.                       | 16                  | 7                             | 53.2            | 47.4                | 89.                       | 21                  | 2                             | 53.             | 47.7                | 90.2                      | 34                  | 2                             |
| Total . . . . .         | 3296.8          | 3141.3              | 95.3                      | 382                 | 29                            | 3353.1          | 3100.3              | 92.5                      | 600                 | 26                            | 3338.8          | 3011.6              | 90.2                      | 589                 | 24                            | 3256.2          | 2966.5              | 91.1                      | 707                 | 22                            |

Table showing the Semi-Quarterly Attendance, etc., by Schools, for Year ending June 27, 1884. — Concluded.

| SCHOOLS.                | V.                    |             |                           |                     |                               |  | VI.                   |             |                           |                     |                               | VII.                  |             |                           |                     |                               | VIII.                 |             |                           |                     |                               |
|-------------------------|-----------------------|-------------|---------------------------|---------------------|-------------------------------|--|-----------------------|-------------|---------------------------|---------------------|-------------------------------|-----------------------|-------------|---------------------------|---------------------|-------------------------------|-----------------------|-------------|---------------------------|---------------------|-------------------------------|
|                         | Average Whole Number. | Attendance. | Percentage of Attendance. | Cases of Tardiness. | Cases of Corporal Punishment. |  | Average Whole Number. | Attendance. | Percentage of Attendance. | Cases of Tardiness. | Cases of Corporal Punishment. | Average Whole Number. | Attendance. | Percentage of Attendance. | Cases of Tardiness. | Cases of Corporal Punishment. | Average Whole Number. | Attendance. | Percentage of Attendance. | Cases of Tardiness. | Cases of Corporal Punishment. |
| High . . . . .          | 233.9                 | 237.9       | 91.2                      | 197                 | 0                             |  | 287.3                 | 264.4       | 92.                       | 125                 | 0                             | 282.9                 | 261.8       | 92.6                      | 206                 | 0                             | 266.1                 | 231.3       | 86.9                      | 210                 | 0                             |
| Mason . . . . .         | 365.3                 | 320.        | 87.6                      | 68                  |                               |  | 381.2                 | 339.3       | 89.                       | 57                  | 0                             | 356.                  | 311.5       | 87.5                      | 102                 | 0                             | 355.1                 | 317.3       | 89.4                      | 70                  | 0                             |
| Oak Hill . . . . .      | 25.4                  | 20.9        | 82.3                      | 0                   | 0                             |  | 24.4                  | 23.         | 94.3                      | 0                   | 0                             | 20.8                  | 19.4        | 93.3                      | 0                   | 0                             | 19.5                  | 18.1        | 92.8                      | 0                   | 0                             |
| Thompsonville . . . . . | 39.7                  | 31.9        | 80.4                      | 8                   | 0                             |  | 42.                   | 36.3        | 86.4                      | 8                   | 0                             | 44.3                  | 38.3        | 86.4                      | 13                  | 0                             | 44.3                  | 39.8-       | 89.                       | 5                   | 0                             |
| Hyde . . . . .          | 182.6                 | 159.5       | 87.3                      | 20                  | 0                             |  | 196.5                 | 177.3       | 90.2                      | 16                  | 0                             | 211.                  | 187.1       | 88.7                      | 29                  | 1                             | 197.4                 | 181.7       | 92.                       | 21                  | 0                             |
| Prospect . . . . .      | 235.5                 | 219.7       | 93.3                      | 139                 | 1                             |  | 236.8                 | 221.8       | 93.7                      | 193                 | 0                             | 239.5                 | 223.1       | 93.2                      | 68                  | 2                             | 237.                  | 223.1       | 94.1                      | 90                  | 0                             |
| Hamilton . . . . .      | 99.                   | 93.4        | 94.3                      | 12                  | 0                             |  | 99.4                  | 96.2        | 96.8                      | 8                   | 0                             | 106.8                 | 103.2       | 96.6                      | 11                  | 0                             | 104.8                 | 103.4       | 98.7                      | 5                   | 1                             |
| Williams . . . . .      | 263.                  | 231.6       | 88.1                      | 35                  | 1                             |  | 263.3                 | 233.4       | 88.6                      | 45                  | 4                             | 267.8                 | 240.8       | 89.9                      | 31                  | 5                             | 253.                  | 224.5       | 88.7                      | 38                  | 6                             |
| Pierce . . . . .        | 198.2                 | 190.5       | 96.1                      | 11                  | 2                             |  | 197.2                 | 183.6       | 93.1                      | 28                  | 2                             | 195.8                 | 186.2       | 95.1                      | 2                   | 3                             | 190.2                 | 180.5       | 94.9                      | 2                   | 0                             |
| Davis . . . . .         | 193.1                 | 177.1       | 91.7                      | 6                   | 4                             |  | 202.4                 | 191.7       | 94.7                      | 13                  | 4                             | 211.3                 | 194.7       | 92.1                      | 13                  | 3                             | 182.3                 | 168.2       | 92.3                      | 5                   | 3                             |
| Franklin . . . . .      | 151.6                 | 137.2       | 90.5                      | 30                  | 4                             |  | 163.1                 | 138.7       | 85.                       | 57                  | 4                             | 173.                  | 153.        | 88.4                      | 31                  | 9                             | 172.9                 | 158.6       | 91.7                      | 18                  | 6                             |
| Adams . . . . .         | 195.3                 | 177.7       | 91.                       | 13                  | 0                             |  | 199.7                 | 186.9       | 93.1                      | 7                   | 0                             | 202.3                 | 189.6       | 93.7                      | 16                  | 2                             | 195.3                 | 187.1       | 95.8                      | 8                   | 0                             |
| Clafin . . . . .        | 155.4                 | 138.2       | 88.9                      | 3                   | 0                             |  | 158.1                 | 139.3       | 88.1                      | 16                  | 0                             | 167.6                 | 150.9       | 90.                       | 9                   | 0                             | 161.                  | 143.4       | 89.7                      | 15                  | 0                             |
| Jackson . . . . .       | 290.8                 | 252.9       | 87.                       | 54                  | 2                             |  | 161.4                 | 142.9       | 88.                       | 21                  | 0                             | 160.                  | 138.6       | 86.6                      | 21                  | 0                             | 158.4                 | 139.9       | 88.3                      | 18                  | 2                             |
| Ellot . . . . .         |                       |             |                           |                     |                               |  | 153.6                 | 134.4       | 87.5                      | 12                  | 0                             | 146.8                 | 125.7       | 85.6                      | 8                   | 0                             | 149.4                 | 129.8       | 86.9                      | 11                  | 0                             |
| Bigelow . . . . .       | 298.5                 | 274.4       | 91.9                      | 46                  | 0                             |  | 289.5                 | 266.1       | 91.9                      | 49                  | 0                             | 288.2                 | 266.3       | 92.4                      | 58                  | 0                             | 277.5                 | 256.9       | 92.6                      | 44                  | 0                             |
| Underwood . . . . .     | 170.                  | 137.2       | 80.7                      | 32                  | 0                             |  | 158.6                 | 141.9       | 89.5                      | 24                  | 0                             | 187.2                 | 169.4       | 90.5                      | 29                  | 0                             | 178.7                 | 160.6       | 89.8                      | 40                  | 0                             |
| Lincoln . . . . .       | 53.8                  | 49.9        | 92.6                      | 30                  | 1                             |  | 48.                   | 43.6        | 90.8                      | 29                  | 0                             | 42.                   | 38.         | 90.4                      | 18                  | 0                             | 43                    | 39.9        | 92.                       | 20                  | 0                             |
| Total . . . . .         | 3211.1                | 2880.       | 89.7                      | 704                 | 15                            |  | 3262.5                | 2960.8      | 90.8                      | 778                 | 14                            | 3303.3                | 2997.6      | 90.7                      | 665                 | 25                            | 3185.9                | 2901.1      | 91.2                      | 620                 | 18                            |



**Table showing Enrollment, Average Whole Number, Average Attendance, etc., for the Year.**

| SCHOOLS.                | YEAR.                                  |                          |                        |                              |                        |                                  |                         |
|-------------------------|--|--------------------------|------------------------|------------------------------|------------------------|----------------------------------|-------------------------|
|                         | Whole Number<br>of<br>Pupils Enrolled. | Average<br>Whole Number. | Average<br>Attendance. | Percentage of<br>Attendance. | Cases of<br>Tardiness. | Cases of Corporal<br>Punishment. | Cases of<br>Suspension. |
| High . . . . .          | 337                                    | 294.4                    | 271.9                  | 92.4                         | 1376                   | 0                                | 0                       |
| Mason . . . . .         | 457                                    | 379.                     | 339.3                  | 89.5                         | 575                    | 3                                | 5                       |
| Oak Hill . . . . .      | 29                                     | 24.8                     | 22.7                   | 91.5                         | 8                      | 0                                | 0                       |
| Thompsonville . . . . . | 56                                     | 40.7                     | 35.4                   | 87.                          | 71                     | 1                                | 0                       |
| Hyde . . . . .          | 225                                    | 191.6                    | 173.7                  | 90.7                         | 173                    | 5                                | 0                       |
| Prospect . . . . .      | 266                                    | 236.                     | 222.2                  | 94.2                         | 718                    | 12                               | 1                       |
| Hamilton . . . . .      | 127                                    | 101.7                    | 97.6                   | 96.                          | 95                     | 4                                | 0                       |
| Williams . . . . .      | 310                                    | 262.8                    | 236.                   | 89.8                         | 328                    | 35                               | 1                       |
| Pierce . . . . .        | 214                                    | 195.4                    | 185.9                  | 95.1                         | 56                     | 9                                | 0                       |
| Davis . . . . .         | 255                                    | 197.8                    | 183.9                  | 92.1                         | 70                     | 21                               | 0                       |
| Franklin . . . . .      | 189                                    | 161.6                    | 145.3                  | 89.9                         | 209                    | 39                               | 2                       |
| Adams . . . . .         | 250                                    | 203.                     | 186.7                  | 92.                          | 93                     | 2                                | 0                       |
| Claffin . . . . .       | 207                                    | 161.1                    | 145.9                  | 90.6                         | 88                     | 5                                | 0                       |
| Jackson . . . . .       | 220                                    | *303.3                   | *267.3                 | *88.1                        | 251                    | 21                               | 1                       |
| Eliot . . . . .         | 223                                    |                          |                        |                              | 31                     | 0                                | 0                       |
| Bigelow . . . . .       | 351                                    | 296.9                    | 277.1                  | 93.3                         | 370                    | 0                                | 2                       |
| Underwood . . . . .     | 192                                    | 177.9                    | 158.2                  | 88.9                         | 346                    | 3                                | 2                       |
| Lincoln . . . . .       | 55                                     | 47.9                     | 43.8                   | 91.3                         | 187                    | 13                               | 1                       |
| Total . . . . .         | 3963                                   | 3275.9                   | 2992.9                 | 91.4                         | 5045                   | 173                              | 15                      |

\*In order to show the *year's* average and percentage correctly, the Jackson and Eliot Schools are here treated as one, the division of the former and the organization of the latter having occurred in the third quarter.

## ROLL OF TEACHERS.

---

### High School.

#### HEAD MASTER.

EDWARD H. CUTLER, Washington Street, Newton.

#### MASTER.

EZRA W. SAMPSON, Washington Street, Newtonville.

#### ASSISTANT MASTER.

S. WARREN DAVIS, River Street, West Newton.

#### ASSISTANTS.

Miss CAROLINE SPEARE, Walnut Park, Newton.

Miss S. ALICE WORCESTER, Highland Avenue, Newtonville.

Miss M. ABBY SMITH, Court Street, Newtonville.

Miss MAYBELL P. DAVIS, Highland Avenue, Newtonville.

Miss EVELYN RICH, Trowbridge Avenue, Newtonville.

Miss S. ALICE RANLETT, Auburndale.

Mrs. LYDIA P. UNDERHILL, Auburndale.

#### SPECIAL TEACHERS.

##### *Military Drill.*

ISAAC H. HOUGHTON, Walnut Street, Newtonville.

##### *Calisthenics and Elocution.*

Miss JENNIE E. IRESON, No. 185 West Canton Street, Boston.

##### *Drawing and Writing.*

Miss ADELINE V. POND, Lexington Street, Auburndale.

##### *Music.*

TIMOTHY L. ROBERTS, Brooks Avenue, Newtonville.

##### *Sewing.*

Mrs. ELLEN L. BOND, Newton Centre.

Miss JULIA GRANT, Newton.

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## DISTRICTS.

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### NEWTON CENTRE.

N. B. — Roman numerals indicate Grades. I-III, Primary ; IV-IX, Grammar.

#### Mason School.

#### MASTER.

ALBERT L. HARWOOD, IX, Crescent Avenue, Newton Centre.

FIRST ASSISTANT.

Miss DELLA E. DODGE, VIII, Sumner Street, Newton Centre.

ASSISTANTS.

Miss ELLEN S. BAKER, VII, Newton Centre.

Miss MARIA F. WOOD, VI, Homer Street, Newton Centre.

Miss MARY TENNEY, V, No. 378 Tremont Street, Boston.

Miss ANNIE E. BANCROFT, I, IV, V, Newton Centre.

Miss FANNIE E. LONGFELLOW, IV, Newton Centre.

Miss MYRA A. WILSON, III, Sumner Street, Newton Centre.

Miss MARGARET MARTIN, II, Centre Street, Newton Centre.

Miss ELLEN M. COOK, I, Station Street, Newton Centre.

**Oak Hill School.**

PRINCIPAL.

C. HOWARD WILSON, IV, V, IX, Crescent Avenue, Newton Centre.

**Thompsonville School.**

Miss HELEN A. DAVIS, I, II, III, Crescent Avenue, Newton Centre.

**UPPER FALLS.**

**Hyde School.**

MASTER.

GEORGE A. MOORE, VIII, IX,

No. 3 Bowdoin Street, Newton Highlands.

FIRST ASSISTANT.

Miss CHARLOTTE E. CAMERON, VI, VII,

Lincoln Street, Newton Highlands.

ASSISTANTS.

Miss GERTRUDE BLACKMAR, IV, V,

No. 70 Commonwealth Avenue, Boston.

Miss MABEL R. WETHERBEE, II, III,

No. 4 Bowdoin Street, Newton Highlands.

Miss PHEBE E. CHURCHILL, I, Centre Street, Newton Highlands.

**Prospect School.**

MASTER.

CHARLES E. HUSSEY, VIII, IX, Cottage Hill, Newton Upper Falls.

FIRST ASSISTANT.

Miss MARTHA L. PERKINS, VI, VII,

Rockland Place, Newton Upper Falls.

ASSISTANTS.

Miss ELLA F. CROOKER, IV, V,

No. 876 Fourth Street, South Boston.

Miss LUCY A. HAYWARD, III, IV,

High Street, Newton Upper Falls.

Miss LIZZIE W. EVERETT, II, High Street, Newton Upper Falls.

Mrs. MARY P. FANNING, I,

Spring and Summer Streets, Newton Upper Falls.

**LOWER FALLS.**

**Hamilton School.**

MASTER.

LUTHER E. LELAND, }  
Mrs. ELLEN M. LELAND, } V, VI, VII, VIII, IX,

Washington and Beacon Streets, Newton Lower Falls.

FIRST ASSISTANT.

Miss ANNIE G. SWAIN, III, IV, Grove Street, Newton Lower Falls.

ASSISTANT.

Miss SARAH H. JUMPER, I. II. Grove Street, Newton Lower Falls.

**Williams School.**

MASTER.

GEORGE L. CHANDLER, VII, VIII, IX,

Auburn Street, West Newton.

FIRST ASSISTANT.

Miss ELIZABETH A. PINNOCK, VII, VIII, IX,

Highland Street, West Newton.

ASSISTANTS.

Miss LAURA SALTONSTALL, V, VI, Centre Street, Newton.

Miss DORA A. ALLEN, IV, Washington Street, West Newton.

Miss ROSE A. HARKINS, III, Newtonville.

Miss HATTIE A. INGRAHAM, II, Natick.

Miss ANN B. SMITH, I, Natick.



# **WEST NEWTON.**

## **Pierce School.**

### MASTER.

LEVI F. WARREN, VIII, IX, Otis Street, West Newton.

### FIRST ASSISTANT.

Mrs. SARAH A. WARREN, VIII, IX, Otis Street, West Newton.

### ASSISTANTS.

Miss M. ALICE WARREN, VI, VII, VIII, Otis Street, West Newton.

Miss ELIZA E. SIMMONS, VI, Henshaw Street, West Newton.

Miss HELEN S. TOLMAN, V, Washington Street, West Newton.

## **Davis School.**

### PRINCIPAL.

Miss ELLA G. BATES, IV, Otis Street, West Newton.

### ASSISTANTS.

Miss CALISTA S. WOOD, III, Highland Street, West Newton.

Miss SUSAN E. COPELAND, II, Highland Street, West Newton.

Miss SARAH E. FOSTER, I, Waltham Street, West Newton.

Miss GERTRUDE A. ELDER, Davis Street, West Newton.

## **Franklin School.**

### PRINCIPAL.

Miss ELIZABETH F. PADDOCK, V, VI, River Street, West Newton.

### ASSISTANTS.

Miss M. ISABEL JENKINS, III, IV,  
Washington Street, Newton Lower Falls.

Mrs. EMMA T. WEEKS, II, River Street, West Newton.

Miss MARGARET A. MAGUE, I, River Street, West Newton.

## NEWTONVILLE.

### Adams School.

MASTER.

WILLIAM A. SPINNEY, IX, Webster Street, West Newton.

FIRST ASSISTANT.

Miss V. E. HAPGOOD, VII, VIII, Crafts Street, Newtonville.

ASSISTANTS.

Miss ABBIE I. FISKE, V, VI, Court Street, Newtonville.

Miss ESTELLA M. HAYNES, III, IV,  
No. 381 Columbus Avenue, Boston.

Miss ANGELIA A. SMITH, I, II, Prescott Street, Newtonville.

### Claffin School.

MASTER.

HERBERT F. SYLVESTER, VIII, IX, Bowers Street, Newtonville.

FIRST ASSISTANT.

Miss LILLA T. WILDER, VI, VII, Prescott Street, Newtonville.

ASSISTANTS.

Miss ELLEN M. HARRIGAN, IV, V, Newtonville.

Mrs. LIZZIE JONES, II, III, Lake Street, Waltham.

Miss ELLEN S. TEWKSBURY, I, Newtonville.

### Eliot School.

MASTER.

GEORGE G. EDWARDS, VIII, IX, Cabot Street, Newtonville.

FIRST ASSISTANT.

Miss H. AUGUSTA MILLARD, VI, VII, Lowell Street, Newtonville.

ASSISTANTS.

Mrs. LOUISE W. CLELLAND, IV, V, Watertown Street, Watertown.

Mrs. ABBY J. CLARK, III, Washington Park, Newtonville.

### Jackson School.

PRINCIPAL.

Miss ELIZA J. LOVELY, II, Gardner Street, Newton.

ASSISTANTS.

Miss GERTRUDE H. SMEAD, I, Court Street, Newtonville.

Miss LOTTIE E. STEARNS, I, Watertown Street, Newton.

Miss GERTRUDE G. TEWKSBURY, Walnut Street, Newtonville.

Miss MARY A. WELLINGTON, West Newton.



**NEWTON.**

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**Bigelow School.**

MASTER.

H. CHAPIN SAWIN, IX, Maple Place, Newton.

FIRST ASSISTANT.

Mrs. M. M. BAKEMAN, VIII, No. 28 Upton Street, Boston.

ASSISTANTS.

Miss ANNIE E. GEORGE, VII, Jefferson Street, Newton.  
Miss S. LOUISE SHELTON, VI, Bennington Street, Newton.  
Miss AUGUSTA A. LENTELL, V, VI, Jefferson Street, Newton.  
Miss EMILY J. DYER, IV, V, Newtonville Avenue, Newton.  
Miss ELIZABETH AYLES, IV, Waverley Avenue, Newton.

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**Underwood School.**

PRINCIPAL.

Miss CHARLOTTE E. SEWALL, III, No. 564 Broadway, South Boston.

ASSISTANTS.

Miss ANNIE L. WOOD, II, Wellesley.  
Miss JOSEPHINE W. LITTLEFIELD, I, Richardson Street, Newton.  
Miss ADA L. DONKIN, I, Brook Street, Newton.

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**Lincoln School.**

PRINCIPAL.

Mrs. NELLIE B. RAND, I, II, III, Oak Avenue, West Newton.

## SECRETARY'S REPORT.

## APPROPRIATIONS AND EXPENDITURES FOR 1884.

|   |                    |
|---|--------------------|
| General appropriation for schools . . . . .                               | \$89,500 00        |
| Received from the dog tax . . . . .                                       | 1,581 88           |
|   | <u>\$91,081 88</u> |
| Transferred to school incidentals . . . . .                               | 788 54             |
|   | <u>\$90,293 34</u> |
| Amount paid to the superintendent . . . . .                               | \$2,700 00         |
| “ paid to the teachers . . . . .  | 75,927 06          |
| “ paid to the janitors . . . . .  | 4,989 40           |
| “ paid to the secretary . . . . .   | 300 00             |
| “ paid for fuel . . . . .   | 6,376 88           |
|   | <u>\$90,293 34</u> |
| Amount expended . . . . .   | <u>\$90,293 34</u> |
| Appropriation for evening school . . . . .                                | \$650 00           |
| Transferred to school incidentals . . . . .                               | 30 91              |
|   | <u>\$619 09</u>    |
| Amount expended . . . . .   | <u>\$619 09</u>    |
| Appropriation for industrial drawing . . . . .                            | \$300 00           |
| Transferred to conveyance of pupils . . . . .                             | \$70 00            |
| Transferred to school incidentals . . . . .                               | 230 00             |
|   | <u>\$300 00</u>    |
| Appropriation for conveyance of pupils . . . . .                          | \$650 00           |
| Transferred from industrial drawing . . . . .                             | 70 00              |
|   | <u>\$720 00</u>    |
| Amount expended . . . . .   | <u>\$720 00</u>    |
| Appropriation for incidentals, furniture, books<br>and supplies . . . . . | \$14,500 00        |
| Transferred from general appropriation . . . . .                          | 788 54             |
| Transferred from evening school appropriation . . . . .                   | 30 91              |
| Transferred from industrial drawing appropriation . . . . .               | 230 00             |
|   | <u>\$15,549 45</u> |
| Amount expended . . . . .   | <u>\$15,547 25</u> |
| Balance unexpended . . . . .  | <u>\$2 20</u>      |

## RECAPITULATION.

### APPROPRIATIONS.

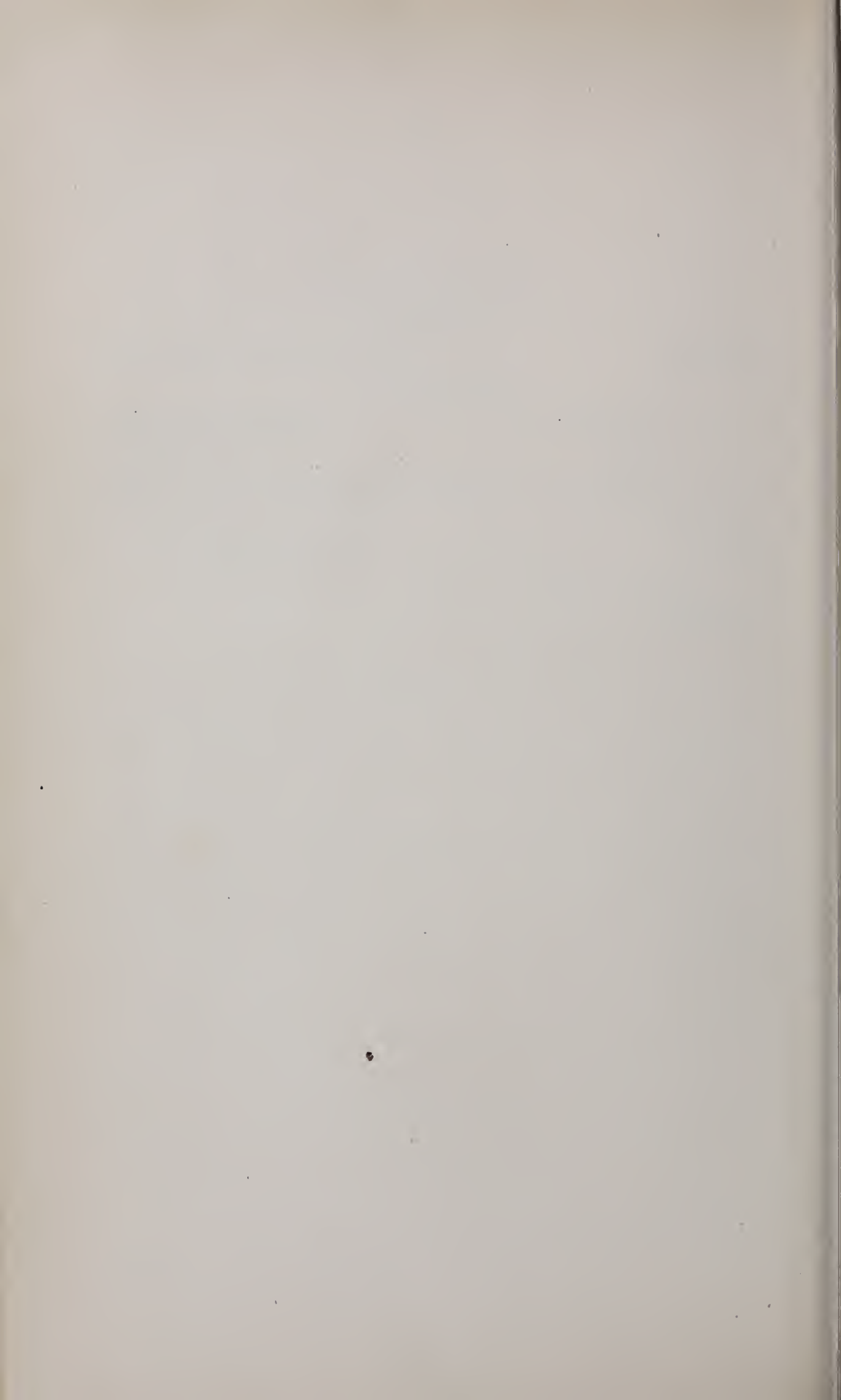
|   |              |
|---|--------------|
| Total amount, including dog tax . . . . . | \$107,081 88 |
|---|--------------|

### EXPENDITURES.

|  |             |
|--|-------------|
| General appropriation . . . . .                      | \$90,293 34 |
| Evening school . . . . .                             | 619 09      |
| Conveyance of pupils . . . . .                       | 720 00      |
| Books, supplies, furniture and incidentals . . . . . | 15,547 25   |
| Total amount expended . . . . .                      |             |
|  | 107,179 68  |
| Balance unexpended . . . . .                         | \$2 20      |

ISAAC HAGAR,  
*Secretary.*







CITY OF NEWTON.

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# ANNUAL REPORT

OF

## THE TRUSTEES

OF THE

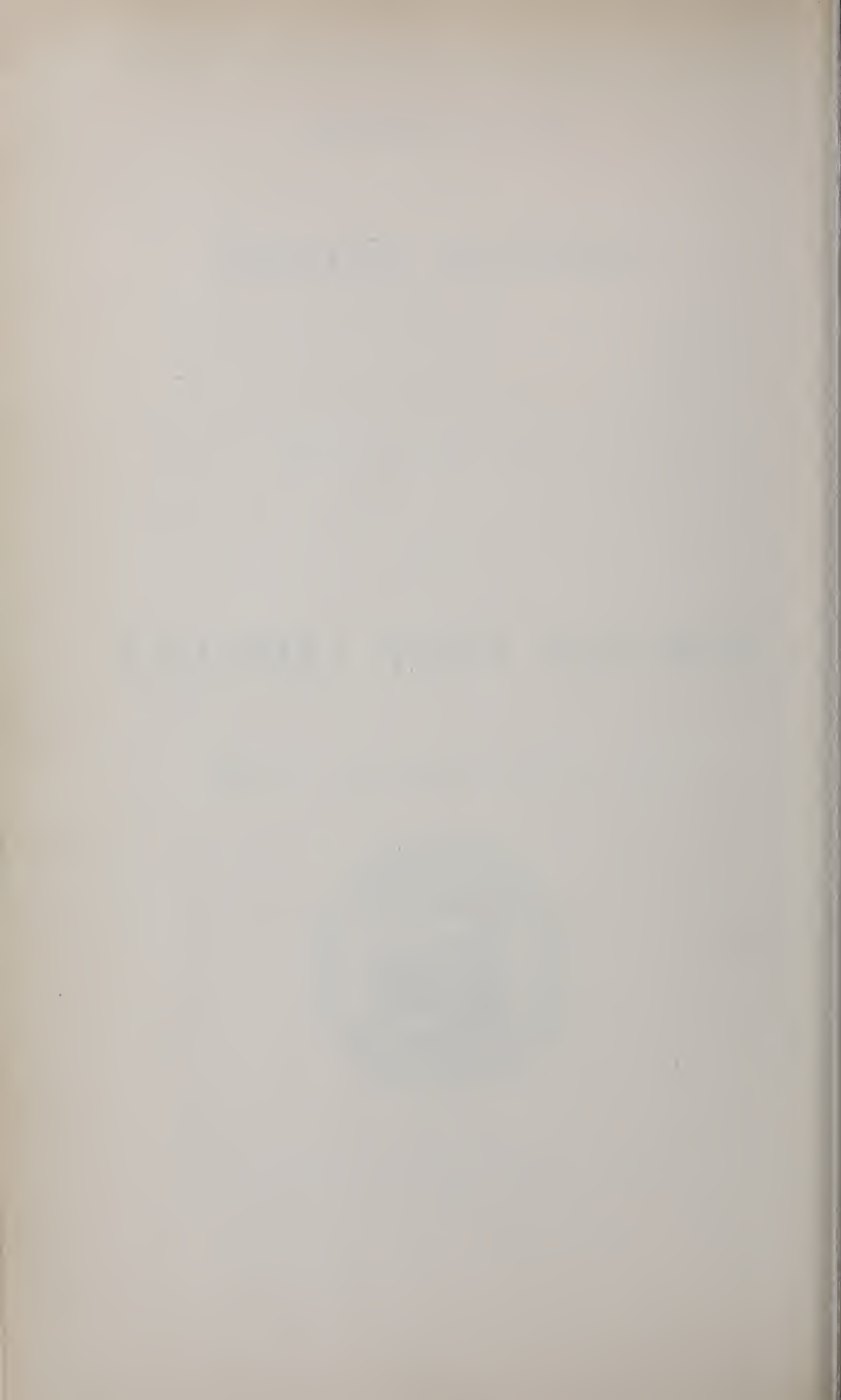
# NEWTON FREE LIBRARY

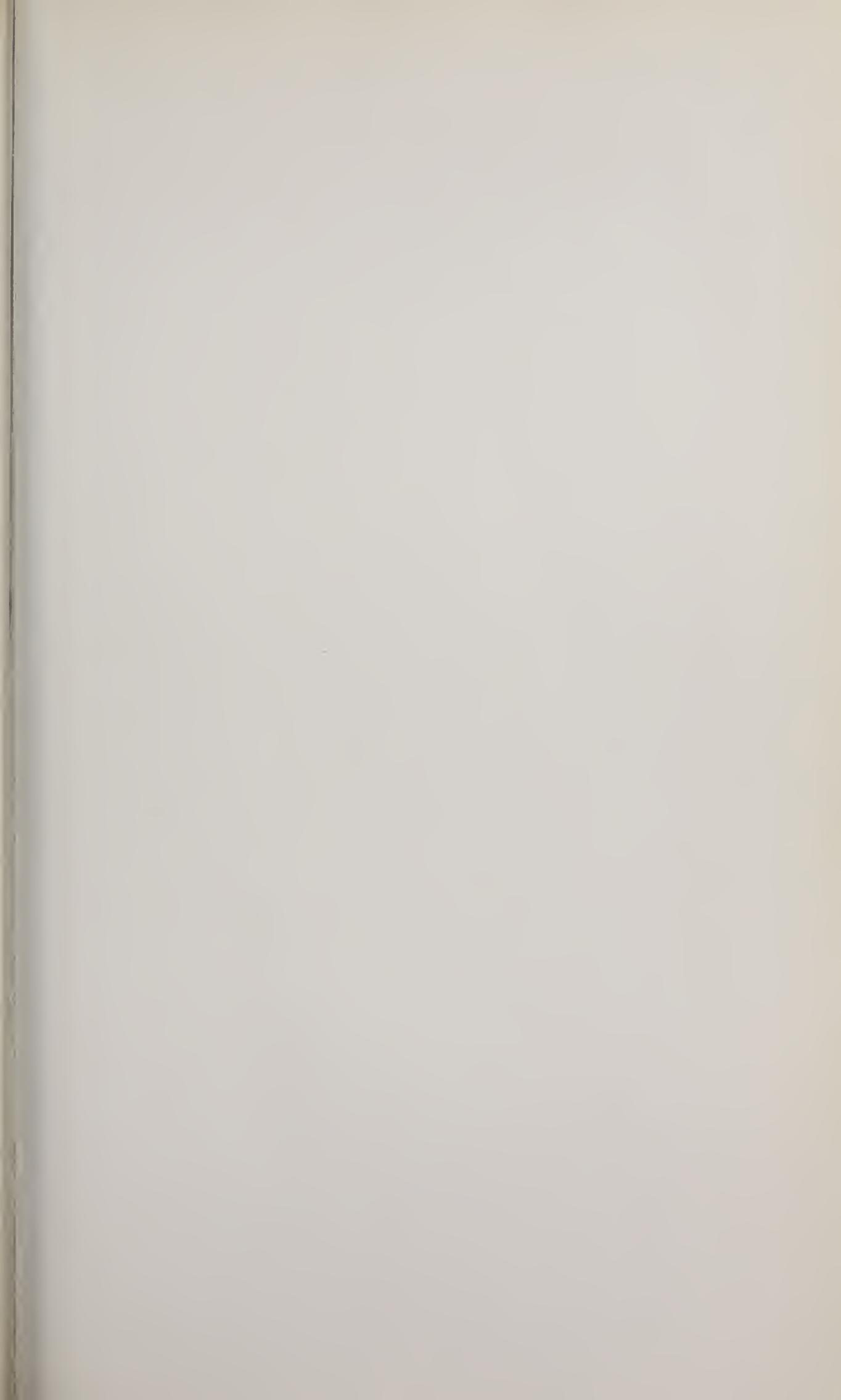
For the Year Ending Dec. 31, 1884.



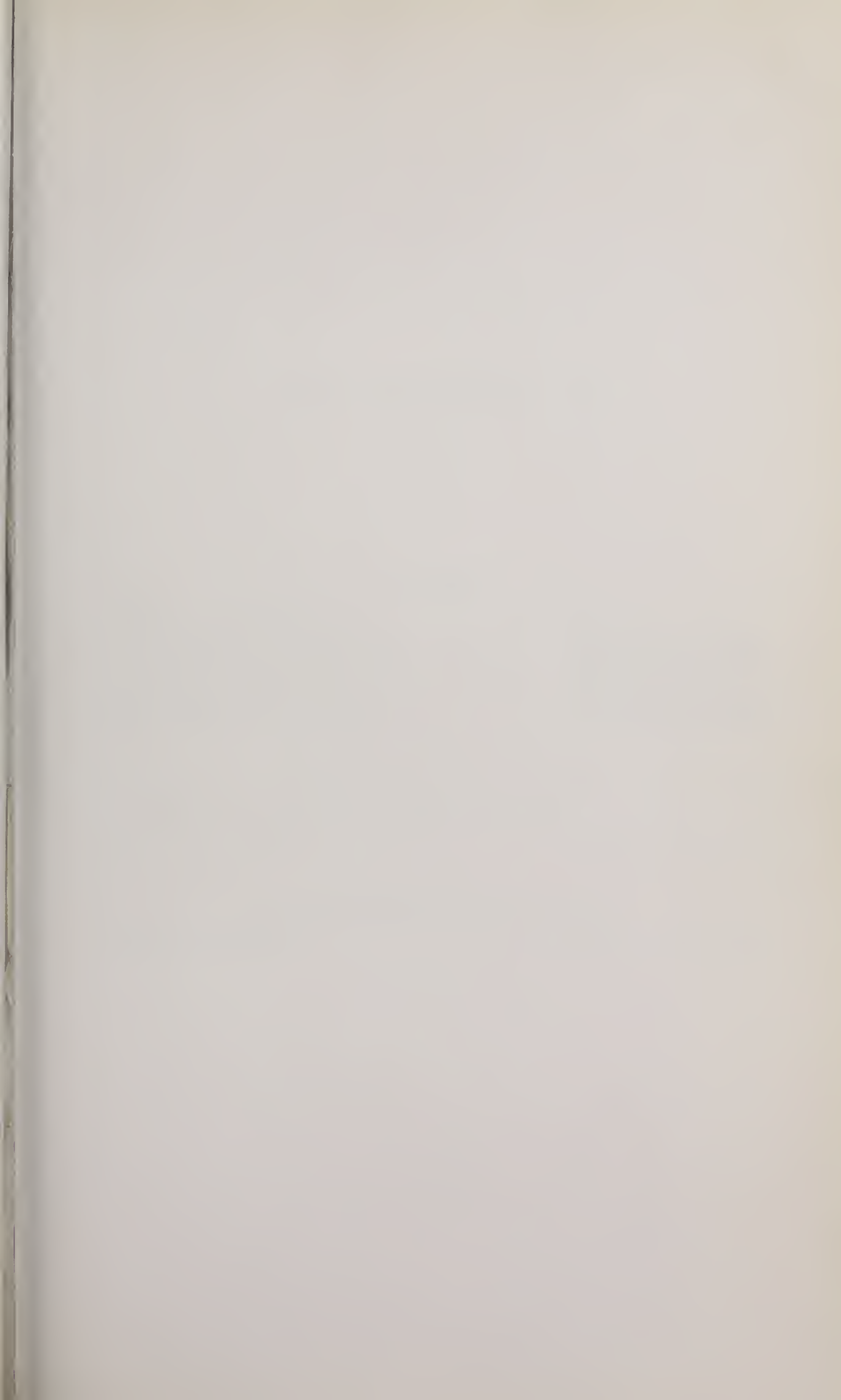
· NEWTON:

PRESS OF THE NEWTON JOURNAL.  
1885.













BOARD OF TRUSTEES, 1884.

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At Large.

|                     |           |                    |
|---------------------|-----------|--------------------|
| JOHN S. FARLOW      | . . . . . |                    |
| WILLIAM CLAFLIN     | . . . . . | TERM EXPIRES 1886. |
| A. LAWRENCE EDMANDS | . . . . . | TERM EXPIRES 1887. |
| JULIUS L. CLARKE    | . . . . . | TERM EXPIRES 1888. |
| BRADFORD K. PEIRCE  | . . . . . | TERM EXPIRES 1889. |

From the Board of Aldermen.

|                |           |                    |
|----------------|-----------|--------------------|
| NOAH W. FARLEY | . . . . . | TERM EXPIRES 1885. |
|----------------|-----------|--------------------|

From the Board of Common Council.

|               |           |                    |
|---------------|-----------|--------------------|
| EBEN THOMPSON | . . . . . | TERM EXPIRES 1885. |
|---------------|-----------|--------------------|

BOARD OF TRUSTEES, 1885.

---

At Large.

|                     |           |                    |
|---------------------|-----------|--------------------|
| JOHN S. FARLOW      | . . . . . |                    |
| WILLIAM CLAFLIN     | . . . . . | TERM EXPIRES 1886. |
| A. LAWRENCE EDMANDS | . . . . . | TERM EXPIRES 1887. |
| JULIUS L. CLARKE    | . . . . . | TERM EXPIRES 1888. |
| BRADFORD K. PEIRCE  | . . . . . | TERM EXPIRES 1889. |

From the Board of Aldermen.

|                |           |                    |
|----------------|-----------|--------------------|
| NOAH W. FARLEY | . . . . . | TERM EXPIRES 1886. |
|----------------|-----------|--------------------|

From the Board of Common Council.

|                 |           |                    |
|-----------------|-----------|--------------------|
| JOHN F. HECKMAN | . . . . . | TERM EXPIRES 1886. |
|-----------------|-----------|--------------------|

ORGANIZATION FOR THE YEAR 1884.

---

**President.**

JOHN S. FARLOW.

**Secretary.**

JULIUS L. CLARKE.

**Committee on the Library.**

PRESIDENT, *ex officio*.

JULIUS L. CLARKE.

BRADFORD K. PEIRCE.

WILLIAM CLAFLIN.

**Committee on the Building.**

PRESIDENT, *ex officio*.

EBEN THOMPSON.

A. LAWRENCE EDMANDS.

NOAH W. FARLEY.

**Superintendent.**

BRADFORD K. PEIRCE.

**Librarian.**

HANNAH P. JAMES.

**Assistant Librarians.**

ELIZABETH P. THURSTON.

LOUISE J. SMALLWOOD.

ETTA P. CLEAVELAND.

MILLIE E. MICHAELS.

**Janitor.**

JAMES J. TOWER.

## ORGANIZATION FOR THE YEAR 1885.

---

### President.

JOHN S. FARLOW.

### Secretary.

JULIUS L. CLARKE.

### Committee on the Library.

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ETTA P. CLEAVELAND.

MILLIE E. MICHAELS.

### Janitor.

JAMES J. TOWER.



## TRUSTEES' REPORT.

TO HIS HONOR THE MAYOR AND THE CITY COUNCIL OF  
NEWTON:—

For a full and detailed account of the present condition of the Newton Free Library and its operations for the year ending December 31, 1884, the Trustees respectfully refer you to the comprehensive and able report of the Superintendent herewith submitted.

Tables A and B in the appendix to that report show the receipts the past year to have been, from appropriations by the city . . . . . \$8,000 00  
From fines, etc. . . . . 340 22

---

\$8,340 22

The expenditures for the same period . . . . . 8,339 79

---

Leaving a balance at the close of the year of . \$ 43

There has also been expended during the year  
from the income derived from the "Jewett

Art Fund " . . . . . \$169 74  
From "Alden Speare Fund " . . . . . 143 30  
From "Read Fund " . . . . . 337 57

---

\$650 61

The Trustees desire to express their gratification at the ready compliance with which the City Council has met their suggestion in regard to the placing of the portion of the income derived from the bequest of the late Charles A. Read, which the library is entitled to receive under the provisions of his will. The \$344 received last year, and all further sums the Trustees may hereafter receive from the same source, the Board has voted shall constitute a *special* fund called the "Read Fund," and has appointed A. Lawrence Edmands, Esq. Treasurer thereof.

The Trustees are more than ever convinced of the great good resulting to our city from the establishment of this FREE PUBLIC LIBRARY. Its usefulness as a great educational aid is more and more manifest each successive year, to say nothing of the constant enjoyment it affords the large number of the readers of its books. The great value of its distributing agencies can be better appreciated when we take into account the large comparative amount of circulation of its books in the more distant wards of the city. The Library now only needs the progressive fostering aid and care of the City Council and Trustees to make it all that its founders could have hoped for or desired. It is in excellent condition at present and working harmoniously and well in all its departments. The Library *building* needs enlargement in order to properly accommodate its increasing business, particularly in its reference department. The enlargement can be made at a moderate cost, and cannot be much longer delayed without seriously impairing the usefulness of the Library. The Trustees would therefore again respectfully urge upon the City Council this necessity, and ask for it an early and favorable consideration.

JOHN S. FARLOW,

*President of the Board of Trustees.*

## SUPERINTENDENT'S REPORT.

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*To the Board of the Newton Free Library:*

GENTLEMEN, — It is made my duty to present to you a statement of the present condition of the Library, and a report of its progress through the year.

I have the honor to submit the usual accompanying tables which give at a glance, the work done and its relation to previous years, with the cost to the city of the books which have been bought, of the Reading Room with its papers and periodicals, and of the administration and incidental expenses during the past year. The whole circulation for the year has been 83,261 volumes; 169 less than the previous year; but the Library itself has been much more largely used than heretofore by persons seeking to examine its works of reference and art, and spending hours in reading and study. At times our facilities for this very important, if not the most valuable, office of the Library have been far too limited to enable such students or readers as desired to avail themselves of our collections to use them with comfort. "A Library," says Dr. James Baldwin, "is the scholars' workshop. To the teacher or professional man a collection

of good books is as necessary as a kit of tools to a carpenter." One of our own citizens, who is a highly esteemed assistant master in the Boston Latin School, says, of the Newton Free Library, that it is "the best working library he was ever in, as information on almost every subject can be found in it." Of the nature of the call for books, our busy Librarian writes in one of our local papers, "It would be well if a correspondent could spend a day in the Library and listen to the constant calls for information from all parts of the city:—a teacher is hunting up some troublesome point in history; a minister some reference for his sermon; a student some problem in chemistry; an artist some pretty bit to copy; an essayist a verse of poetry that will be appropriate; a Sunday School teacher a pithy anecdote for his class; a mother something that will tell her what to do for the sick child; a reading club an interesting and instructive book; a boy with a hobby for collecting coins, some work on numismatics; and so on forever, the wants, thank God, are innumerable, and what we want is suitable books to answer all these demands."

We have had constant occasion to see the imperative need of additional conveniences in order to enable our citizens to use freely the valuable treasures of the Library, as well as to enjoy its circulating volumes at home. The plans which have been drawn during the year by an accomplished architect of our city, Mr. Meacham, show how readily, in the rear of the present edifice, at comparatively small expense, the room so much needed at this hour, and which will become indispensable in a year or two, can be secured. In making this much-to-be-desired improvement better arrangements can be made for the Reading Room, which has always been open to serious complaint on account of its defective ventilation.



It would be a source of interest and gratification to any intelligent person to look into this room during almost any evening while it is open. In addition to its adult occupants a large company of lads, who would otherwise be found in the streets, will be seen reading the newspapers or magazines. Our citizens from the other Wards, beside those nearest to the Library, are more and more availing themselves of the facilities of the Reading Room during the day. We have on our files papers from all the chief cities in this country from Canada to Mexico, from Europe to the East, in French, German and Spanish. All the latter, and many of the others, are supplied to the Library without expense.

It will be noticed that while during the last two years, there has been a small falling off in the home circulation, there has been a constant increase of the registered names of applicants for the privileges of the Library. Two years ago these names amounted to 11,411. In 1883 they reached 12,261, and during the past year the list has increased to 13,146 — a very large number as compared with the population of the city. The significance of this falling away in home circulation, as suggested in our last report, has been made even more evident the present year. With the constant increase of applications for more substantial works, the number of books read each week would be naturally decreased. One cannot read a solid volume of history, biography, travels or science as rapidly as he can a work of fiction. In previous years, in extreme instances, some readers would take out a fresh novel each day in the week. There are few of this class left. Our table, showing the percentage of the literature circulated, does not do full justice to our readers. Under the title of fiction is included our juvenile books, which, although to a great degree works of the imagination, are many of them, and more and more in



later years, books giving valuable information in a most entertaining form and really improving in their character. There has been a constant small decrease every year in the per-centage of fiction and an increase in essays and poetry, in travels, in history and science, in theology and in books of reference. In reference to the theological works on our shelves, it is proper to say, that no purely sectarian religious books are purchased with the library funds; but many, some of them very valuable, have been given by our citizens and others.

The falling off in the per-centage of the works of the imagination has not been occasioned by any unwillingness on the part of the Trustees to meet the tastes of the patrons of the Library in this regard. No well-written pure fiction that can be safely sent into circulation among our families, which has issued from the press during the year, has been omitted from our shelves. Of this class of literature we have not always purchased copies enough to permit every one desiring to read the work to have it the same week. It will be seen at once if we made large purchases of this form of literature our shelves would soon be really filled with valueless material. Only a limited number of novels have a perennial value. They are forgotten after the year of their birth, and are valueless to sell as second-hand books. Of popular novels we buy a half dozen copies, or more, to keep the number supplied when worn out, if the call for them continues. We have given no little thought to this question and have sought, as far as safe and practicable, to remove every real occasion for complaint. The novel has its office, and, in our day, is made to carry no small amount of social, intellectual, scientific and reformatory philosophy, with all its possible peril and beguiling power. Sir John Herschel says of it, "the novel, in its best form, I regard as one of the most pow-

erful engines of civilization ever invented.” And Thackeray, with his characteristic enthusiasm, once wrote, “Novels are sweets. All people with healthy appetites love them—almost all women; a vast number of clever, hard-headed men, judges, bishops, chancellors, mathematicians, are notorious novel readers, as well as young boys and sweet girls, and their kind, tender mothers.” From the very fact of this widely-prevailing taste it becomes all the more necessary to watch the character of these multitudinous works. We should not admit a book into the family, or offer it to another, of a lower character than a person with whom we should feel free to associate, or to introduce to a friend with a letter of commendation.

To meet the real requisitions of our community, with its varied tastes, we have constantly sought for suggestions from our patrons, and have had titles given us by horticulturalists, florists, mechanics, chemists and manufacturers, as well as by professional men and students in the sciences. Our books of art and in illustration of the physical sciences are purchased with funds specially given for the purpose by their generous donors. We receive many works by donation that we could not purchase with our limited means, and others come from Congress and our State Government. We mention this, as some of the titles which appear in our local paper have been the subject of criticism. These works cost us nothing but the room they occupy, and are often invaluable for reference. Indeed, it has often been remarked that no volume can be considered utterly worthless in a public library. There comes, in almost every instance, some time, when, for some occasion, whatever has reached print, has a value for reference that it could never have intrinsically. The old files of newspapers afford often the richest materials for the historian of the times. It is interesting to notice

how wide a space in the Library is sometimes examined by our curious students in the pursuit of some object of inquiry; and this is the place where such investigations are to be made. We cannot accumulate this material in our private libraries. We turn gratefully to this public resource, which, through the intelligent liberality of such a city as ours, will, year by year, have wider provisions of this character for the benefit of its citizens.

We have sought each year to purchase the best portion of the current English literature as it issues from the press, and also to make some additions to our list of standard books and works of reference. It is possible that the gentlemen of the City Council forget that for the last three years, we have had at their request, an additional expense of administration, in the daily distribution of books in the different wards, amounting to \$1,500 each year in salaries and cost of transportation. Towards this amount we asked two years ago for an addition to our annual appropriation of \$1,000, and \$500 was given, as it was thought the Read fund would yield the required amount. That fund secured for us \$344. This year the \$500 has been dropped from the sum allotted to the Public Library, although the same increased expenses continue. There was no doubt a misapprehension in the minds of the gentlemen of the Council in reference to these large outlays incidental to a daily circulation in all parts of the city. It will be readily seen how small a portion of the amount appropriated remains for the purchase of books. The actual expense for salaries (nothing being required for the superintendent), at Edmands' Hall and in all the village depositories is \$3,612; fuel and lights, \$700; distributing agency, \$1,000, in addition to expenses of the depositories; Reading Room, \$350; so that with binding of books, printing, repairs and incidentals, a small part of the



\$7,500 appropriated by the city remains for the main purpose of the Library — the purchase of books.

In a city within whose beautiful limits so many professional men, scholars and artists, have sought their homes, where the schools hold so prominent a place and are so well endowed by annual appropriations, there can be little danger, in the long run, that so important an educational agency, as well as social luxury as the Free Library will fail to receive its adequate consideration. The Public Library is the great social leveller. Wealth may command the means of a thousand gratifications denied to poverty, but one of the richest and most improving and comforting of earthly boons is placed by the Free Library within the reach of the most limited incomes. "Let us thank God," says Dr. James Freeman Clarke, "for books. When I consider what some books have done for the world and what they are doing, I give eternal blessings for this gift, and pray that we may use it aright and abuse it not." Jeremy Collier says: "Books are the guide in youth and an entertainment for age. They support us under solitude and keep us from being a burden to ourselves. They help us forget the crossness of men and things, compose our cares and our passions and lay our disappointments asleep. When we are weary of the living we may repair to the dead who have nothing of peevishness, pride, or design in their conversation."

Our public school teachers can render the Library more valuable to their pupils by suggesting to them lines of inspiring and improving reading. We are happy to know that the accomplished Superintendent of Education of our city, and the masters and teachers of the schools, are alive to the importance of thus giving direction to the reading of the children. This matter is now under their thoughtful consideration.

The routine work of the Library for the year has moved on regularly and without complaint. The books have been distributed every secular day with the exception of legal holidays. The staff in Edmands' Hall remains the same as heretofore. The Superintendent only expresses the opinion of those who constantly visit the Library when he refers to the faithfulness and courtesy with which the often perplexing duties of the Librarian and her assistants have been discharged.

With thanks for the aid proffered in his special work by the other members of the Board of Trustees, the present report is

Respectfully submitted,

BRADFORD K. PEIRCE,

*Superintendent.*

## APPENDIX.

## A.

| RECEIPTS.                       | 1884.                 | 1883.      | 1882.      |
|---------------------------------|-----------------------|------------|------------|
| Dec. 31.                        |                       |            |            |
| Municipal appropriation . . .   | \$8,000 00            | \$8,500 00 | \$8,000 00 |
| Fines, bulletins, etc. . . . .  | 336 57                | 329 32     | 309 54     |
| Cash on hand at last report . . | 3 65                  | 49 07      | 18 83      |
|                                 | \$8,340 <sup>22</sup> | \$8,878 39 | \$8,328 37 |

## B.

| EXPENDITURES.   | 1884.      | 1883.      | 1882.      |
|---|------------|------------|------------|
| Dec. 31.  |            |            |            |
| Salaries . . . . .  | \$3,599 61 | \$3,611 94 | \$3,410 00 |
| Reading-room . . . . .  | 383 39     | 345 12     | 391 25     |
| Incidentals. . . . .  | 267 43     | 300 22     | 209 73     |
| Repairs . . . . .   | 69 90      | 22 00      | 46 35      |
| Furniture and fixtures . . . .                                  | 12 41      | 53 19      | 45 30      |
| Printing and advertising . . .                                  | 35 25      | 306 50     | 35 00      |
| Binding . . . . .   | 246 52     | 252 11     | 265 90     |
| Books. . . . .  | 1,673 71   | 2,013 44   | 1,911 29   |
| Light and fuel . . . . .  | 709 81     | 696 15     | 675 88     |
| Distributing agencies and express                               | 1,177 00   | 1,140 99   | 1,141 66   |
| Blanks and stationery . . . .                                   | 153 55     | 110 93     | 128 41     |
| Postage account. . . . .  | 11 21      | 22 14      | 18 46      |
| Total expenditure . . . . .                                     | \$8,339 79 | \$8,874 73 | \$8,279 23 |
| Bal. with City Treasurer . \$ 05<br>at the Library . . . . . 38 |            |            |            |
| Total balance. . . . .  | 43         | 3 66       | 49 14      |
|   | \$8,340 22 | \$8,878 39 | \$8,328 37 |



## C.

| CIRCULATION.  | 1884.  | 1883.  | 1882.  |
|---|--------|--------|--------|
| Number of days the Library was open . . . . .   | 307    | 306    | 305    |
| of holidays the Library was closed . . . . .  | 7      | 7      | 7      |
| of other week-days the Library was closed . . . . .   | . .    | . .    | . .    |
| of volumes delivered for home use . . . . .   | 83,261 | 83,430 | 85,701 |
| Average daily use . . . . .   | 271.2  | 272.7  | 280.9  |
| Largest daily use March 1, 1884; March 17 and 31, 1883; Feb. 25, and March 18, 1882 . . . . . | 544    | 505    | 536    |
| Smallest daily use Nov. 19, 1884; Aug. 16, 1883; April 27, 1882 . . . . .                     | 144    | 144    | 164    |
| Number of books lost and not paid for . . . . .   | 8      | 10     | 5      |
| of books lost and paid for . . . . .  | 1      | 4      | . .    |
| of books worn out and withdrawn . . . . .   | 62     | 46     | 44     |
| of notices to delinquents . . . . .   | 797    | 787    | 643    |
| of volumes re-covered . . . . .   | 8,945  | 11,047 | 12,295 |
| of volumes bound . . . . .  | 335    | 465    | 556    |
| of names registered during the year . . . . .   | 885    | 850    | 1,254  |
| Total number of names registered  | 13,146 | 12,261 | 11,411 |

## D.

| ACCESSIONS.   | 1884.  | 1883.  | 1882.  |
|---|--------|--------|--------|
| Increase by purchase . . . . .                                      | 1,183  | 1,073  | 1,084  |
| by gift . . . . .   | 111    | 93     | 54     |
| by binding pamphlets . . . . .                                      | 9      | 1      | .      |
| by binding periodicals . . . . .                                    | 76     | 79     | 69     |
| Number of missing volumes re-<br>stored since last report . . . .   | 1      | . .    | . .    |
| Total accessions for the year . . . . .                             | 1,380  | 1,246  | 1,207  |
| Number of volumes missing or<br>withdrawn since last report . . . . | 71     | 60     | 49     |
| Actual increase . . . . .   | 1,309  | 1,186  | 1,158  |
| Number of volumes in the Library<br>as last reported . . . . .      | 20,546 | 19,360 | 18,202 |
| Total number of volumes in<br>the Library . . . . .                 | 21,855 | 20,546 | 19,360 |
| Number of pamphlets bound<br>since last report . . . . .            | 49     | 5      | . .    |
| Number of newspapers subscribed<br>for . . . . .                    | 42     | 42     | 41     |
| of newspapers given . . . . .                                       | 19     | 20     | 20     |
| of magazines subscribed<br>for . . . . .                            | 33     | 36     | 32     |
| of magazines given . . . . .  | 4      | 2      | 4      |
| Total number received . . . . .                                     | 98     | 100    | 97     |

## E.

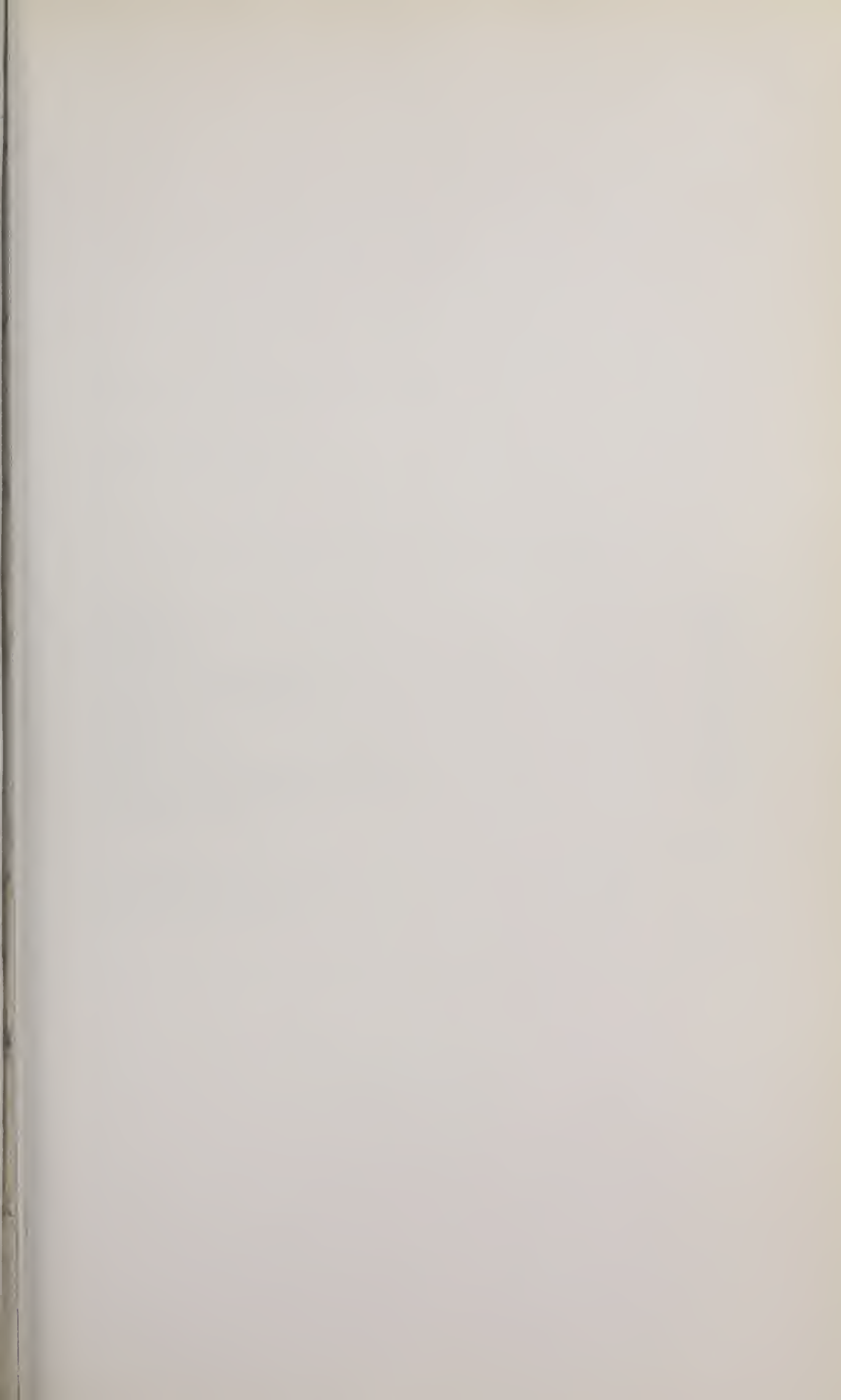
| CLASSIFICATION, GROWTH, SIZE,<br>AND USE.           | Increase dur-<br>ing the<br>Year. | Total num<br>ber of Vol-<br>umes. | Volumes is-<br>sued during<br>the Year. | PER CENT OF CIR-<br>CULATION. |       |       |
|---|-----------------------------------|-----------------------------------|---|-------------------------------|-------|-------|
|   |                                   |                                   |   | 1884.                         | 1883. | 1882. |
| <i>Literature.</i>                                  |                                   |                                   |   |                               |       |       |
| Prose, fiction, and juve-<br>nile reading . . . . . | 254                               | 5,032                             | 55,994                                  | 67.25                         | 68.1  | 68.3  |
| Essays, poetry, and drama                           | 115                               | 2,682                             | 5,942                                   | 7.14                          | 6.95  | 6.4   |
| Periodicals . . . . .                               | 157                               | 1,508                             | 1,666                                   | 2.00                          | 2.3   | 2.85  |
| Foreign literature . . . .                          | 6                                 | 463                               | 294                                     | .35                           | .3    | .5    |
| <i>History.</i>                                     |                                   |                                   |   |                               |       |       |
| Geography and travels . .                           | 117                               | 1,983                             | 6,105                                   | 7.33                          | 6.9   | 7.5   |
| Biography . . . . .                                 | 102                               | 2,068                             | 3,129                                   | 3.76                          | 3.7   | 3.97  |
| History . . . . .                                   | 83                                | 1,982                             | 3,858                                   | 4.63                          | 4.4   | 3.96  |
| <i>Arts and Sciences.</i>                           |                                   |                                   |   |                               |       |       |
| Natural science and in-<br>dustrial arts . . . . .  | 178                               | 2,047                             | 4,802                                   | 5.77                          | 5.9   | 5.4   |
| Political and social sci-<br>ence . . . . .         | 78                                | 1,102                             | 500                                     | .60                           | .5    | .4    |
| Theology . . . . .                                  | 29                                | 1,004                             | 834                                     | 1.00                          | .83   | .52   |
| * Reference library . . . .                         | 190                               | 1,984                             | *137                                    | .16                           | .12   | .2    |
| Accessions for the year                             | 1,309                             | . .                               | . .                                     | . .                           | . .   | . .   |
| Number of volumes in<br>the Library . . . . .       | . .                               | 21,855                            | . .                                     | . .                           | . .   | . .   |
| Circulation for the<br>year . . . . .               | . .                               | . .                               | 83,216                                  | . .                           | . .   | . .   |

\* Represents books loaned for home use by *special* permission.











## F.

|  |         |
|--|---------|
| Received for catalogues sold in 1884 . . . . . | \$15 00 |
| Paid City Treasurer . . . . .                  | \$15 00 |

## G.

## ESTIMATED EXPENSES FOR THE YEAR ENDING DEC. 31, 1885.

|   |         |
|---|---------|
| Salaries . . . . .                          | \$3,612 |
| Reading-room . . . . .                      | 350     |
| Incidentals . . . . .                       | 250     |
| Repairs . . . . .                           | 50      |
| Furniture and fixtures . . . . .            | 60      |
| Printing and advertising . . . . .          | 100     |
| Binding . . . . .                           | 260     |
| Books . . . . .                             | 2,000   |
| Light and fuel . . . . .                    | 700     |
| Distributing agencies and express . . . . . | 1,200   |
| Blanks and stationery . . . . .             | 120     |
| Postage account . . . . .                   | 25      |
|   | \$8,727 |
| Probable amount of fines . . . . . \$300 00 |         |
| Cash on hand . . . . . 38                   |         |
| Required appropriation . . . . . 8,426 62   |         |
|   | \$8,727 |



CITY OF NEWTON.

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ANNUAL REPORT

OF THE

CHIEF OF FIRE DEPARTMENT

OF THE

CITY OF NEWTON,

FOR THE YEAR ENDING DEC. 31, 1884.

WITH A STATEMENT OF THE FIRES AND ALARMS, ALSO  
LOSSES AND INSURANCE DURING THE YEAR.



NEWTON:

PRESS OF THE NEWTON JOURNAL.  
1885.



CITY OF NEWTON.

---

IN THE BOARD OF MAYOR AND ALDERMEN, Jan. 5, 1885.  
Accepted and sent down.

I. F. KINGSBURY, *Clerk.*

IN COMMON COUNCIL, Jan. 12, 1885.  
Accepted in concurrence.

ALBERT S. GLOVER, *Clerk.*

## REPORT OF THE CHIEF OF FIRE DEPARTMENT.

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FIRE DEPARTMENT HEADQUARTERS,  
ROOM A, CITY HALL.  
WEST NEWTON, MASS., Dec. 31, 1884.

*To His Honor the Mayor, and the City Council of the City of Newton.*

GENTLEMEN : — I have the honor herewith to submit to you, the Annual Report of the Fire Department for the year ending December 31, 1884, the same being my Sixth Annual Report, and the tenth of the present system.

### **Manual Force.**

The manual force consists of seventy-three officers and privates, detailed as follows :

#### **Permanent Employees.**

One Chief of Department.  
One Fire Alarm Operator.  
Three Engineers of Engines.  
Three Drivers of Engines.  
One Driver of Truck.  
One Driver of Reel.  
Total, ten.

#### **Call Force.**

One Assistant Chief of Department.  
Eight Foremen of Companies.  
Eight Assistant Foremen of Companies.

Three Stokers.  
 Thirty-three Hosemen.  
 Ten Truckmen.  
 Total, sixty-three.

#### **Apparatus.**

The Apparatus in service consists of  
 Three Steam Fire Engines (complete).  
 Seven Four-wheel Horse Reels.  
 One Two Horse Truck.  
 Three Coal Tenders.  
 Six Hose and Exercise Sleighs.  
 One Concord Buggy, one Cutter for Chief of the  
 Department.  
 One Wagon, one Sleigh, Fire Alarm Department.

#### **In Reserve.**

One Four Wheel Reel.  
 One Truck Platform on runners

#### **Present Condition of Apparatus.**

Number One Engine is in complete repair.

Number Two Engine, in fair condition. I would suggest a careful examination of boiler as early in the year as possible.

Number Three Engine should be in complete order, having been provided with new boiler, new set of wheels, etc., but at the present time several leaks show in the boiler, and the work throughout not at all creditable for the amount expended.

Number One Truck is in good condition. I would suggest heavier set rear wheels.

Numbers One, Two, Four, Six and Seven Reels are in complete repair.

Numbers Three and Five Reels should be repaired and painted.

The several Exercise Wagons and Sleighs should be painted and varnished.

A new wagon should be provided for the Assistant Chief of Department, and the old wagon retained for heavy work in the Fire Alarm Department.

#### **Horses.**

The seventeen horses employed in this department are all in good condition, except one belonging to No. 1 Reel, which, from old age and other causes, should be replaced at an early day.

Two horses have been purchased during the year, one, for No. 2 Reel, and the Fire Alarm Department, also for No. 5 Hose.

#### **Hose.**

There is a total of ten thousand, three hundred feet of hose in service, as follows:

Forty-five hundred cotton — first-class. Fourteen hundred and fifty cotton — fair. Forty-three hundred and fifty feet of leather, distributed to companies 5, 6 and 7, which is unreliable.

In addition to the above, there is eleven hundred feet of leather hose condemned.

#### **Fire Stations.**

The several stations, as a rule, are in good repair. I would recommend the painting of No. 1 Station, inside and out, and renew the request of 1883 for the removal of the Police Station from the building.

Slight repairs and alterations will be required to Stations 5 and 7, and No. 1 Truck station. Radical change is necessary to the stable at No. 7 Station.

“Sliding Poles” should be placed in Stations 5 and 7.

### Hydrant Service.

In accordance with recommendations from this department, additional hydrants were located in the following streets:

Cherry, between Webster and River Streets.  
Lander and Winthrop Streets.  
Margin, between Highland and Chestnut Streets.  
Woodland and Vista Avenues.  
Vernon Street and Waverly Avenue.  
Sargent, between Park Street and Waverly avenue.  
Central Avenue and Court Street.  
Crystal and Beacon Streets.  
Pleasant and Crescent Streets.  
Glen Avenue and Elgin Street.

In addition to the above thirteen new hydrants were placed upon new and old mains. See Appendix.

I would recommend the following additional hydrants for 1885:

Opposite residence W. C. Strong, Beacon Street.  
Cherry and Henshaw Streets.  
Chestnut Street, 800 feet north Boylston Street.  
Aspen and Vista Avenues.  
Grove, between Hancock Street and Woodland Avenue.  
Elm, between Webster and River Streets.  
Lincoln and Bowdoin Streets.  
Lake and Hyde Avenues.  
Summer and High Streets.  
Alpine, 500 feet south Mt. Vernon Street.

The perfect supervision maintained by the Superintendent of Water Department, has kept the hydrants and connections at all times in complete working order.



### **Fires and Alarms.**

There has been a total of fifty-one alarms during the year, a decrease of fifty alarms from 1883. The largest loss was occasioned by the railway collision and fire at Long Bridge, December 20th. For loss, insurance, etc., see statistics. No members of the department have been seriously injured; slight casualties incidental to the service have occurred; other than these, the general health of the force has been remarkable.

### **Recommendations.**

While recognizing the demand at the present time, for decreased expenditures in the several departments of the City, it is still incumbent upon me, to recommend such changes and additions, as may best strengthen and maintain the present efficiency of this department. With that in view, I would again renew the recommendations of 1882 and 1883, for the appointment of permanent drivers for Reels 1, 2 and 3, and also to 5, 6 and 7, later on. The three first are the most imperative, as the bulk of the duty must necessarily devolve upon the engine companies. At the fires at Elmwood and Eldredge Streets, Chestnut and Boylston Streets, and the Long Bridge railway disaster, each of which entailed losses of from five to thirty thousand dollars, the apparatus was delayed from lack of permanent drivers.

In case of fire in our school buildings and mill property, the loss of life, resulting from such delay of apparatus, could never be computed in dollars and cents.

I would most respectfully urge upon your honorable body, a careful consideration of this most important subject.

Our present Ladder service, with an area of twenty square miles to protect, is entirely inadequate to its proper protection, and that portion of the city upon or adjacent to the Circuit Railway, is deprived of one of the first and most important pieces of apparatus, required at all fires.

I would therefore recommend, that a suitable location be secured in Ward 5, for the placing of a Truck Station, and apparatus, suited to the requirements of this portion of the city.

I would recommend that an ordinance be passed for the general supervision and management of the erection and maintenance of all private telegraph, telephone, and other electrical lines within the city limits. The large increase in telegraph lines the past year, with every prospect of its extension the coming year, together with the irresponsible manner in which the work is done, necessitates the passage of such an ordinance, for the protection of the city's interests.

#### **Appropriations and Expenditures.**

The appropriation authorized for this department by the City Council, for the year ending December 31, 1884, was \$24,000.

The expenditures for the year have been as per the following statement :

|  |             |
|--|-------------|
| Salaries, . . . . .  | \$11,757 85 |
| Hay, grain, etc. . . . .   | 2,652 00    |
| Coal and wood . . . . .  | 1,400 00    |
| Maintenance fire alarm, 2 signal stations, erect-<br>ing the same. . . . . | 1,300 00    |
| Repairs to apparatus . . . . .   | 2,568 45    |
| New Hose Reel, No. 2 . . . . .   | 625 00      |
| Exchange of horses. . . . .  | 475 00      |
| Gas . . . . .  | 370 00      |
| Veterinary and medicines . . . . .   | 275 00      |
| Water rates for stations . . . . .   | 225 00      |
| Laundry . . . . .  | 270 00      |
| Miscellaneous as per books of Auditor . . . . .                            | 2,303 90    |
|  | <hr/>       |
|  | \$24,222 20 |
| Appropriation . . . . .  | \$24,000 00 |
| Expended . . . . .   | 24,222 20   |

**Acknowledgements.**

My sincere acknowledgments are tendered to His Honor the Mayor, for the personal interest at all times manifested in this department.

To the Chairman and Joint Standing Committee on Fire Department, for their cordial co-operation.

To the Assistant Chief of Department, and officers and members of the force, for their prompt attention to duty ; and the several heads of departments and their employees.

Respectfully submitted,

H. L. BIXBY,

*Chief of Department.*

**Building Department.**

The following report of inspection of buildings is herewith submitted :

The total number of buildings examined during the year ending Dec. 31, 1884, was 133, as follows :

|                         |     |
|-------------------------|-----|
| Buildings new . . . . . | 118 |
| Remodelled . . . . .    | 15  |

To be occupied as follows :

|                         |     |
|-------------------------|-----|
| Dwellings . . . . .     | 102 |
| Stables . . . . .       | 21  |
| Machine Shops . . . . . | 4   |
| Schools . . . . .       | 2   |
| Storehouses . . . . .   | 2   |
| Gymnasium . . . . .     | 1   |
| Chapel . . . . .        | 1   |

**MATERIAL OF CONSTRUCTION.**

|                          |     |
|--------------------------|-----|
| Wood . . . . .           | 131 |
| Stone . . . . .          | 1   |
| Brick and wood . . . . . | 1   |

**ERECTED IN THE SEVERAL WARDS.**

|                    |    |
|--------------------|----|
| Ward One . . . . . | 13 |
| “ Two . . . . .    | 21 |
| “ Three . . . . .  | 15 |
| “ Four . . . . .   | 10 |
| “ Five . . . . .   | 13 |
| “ Six . . . . .    | 21 |
| “ Seven . . . . .  | 15 |

H. L. BIXBY,

*Inspector.*



### **Fire Alarm Department.**

The Fire Alarm Telegraph has performed its duties with a reasonable degree of success; the greatest enemy to its successful work is the large number of telephone wires throughout the city, necessitating daily attention on the part of the operator. From experience gained in the past, it is clearly demonstrated that it is not advisable to place the fire alarm circuits upon the poles of the Telephone Company, unless necessity requires it. The only safety lies in an entire separation of interests.

I would therefore recommend that the farther use of the fire alarm poles for other than wires belonging to the city, be prohibited, except in locations already granted.

The importance of this part of the service will not permit of neglect or interference. The present system consists of 54 miles of wire divided into four circuits, and placed upon 823 poles and buildings. By order of the City Council, two additional signal stations were purchased, station 45 was placed at the junction of Greenough and Auburn streets, and station 113, was refused a location, the abutters objecting to poles in the streets. Station 421 was purchased by the Committee on Public Buildings, and located at Hancock and Fern streets, near the Williams school building, for the protection of the above building, a wise and thoughtful suggestion, as every reasonable precaution should be exercised for the safety of the occupants of these buildings.

During the year, a large amount of repairs have been completed, the wires at the central office have been re-arranged, new substituted for old, all of the 1873 and 1876 signal stations carefully examined, cleaned and oiled, and new connections made. The present battery power required is 195 jars, a reduction of 53 jars during the year.



A large amount of outside work still remains to be done, in replacing defective poles.

The following is a summary of the work performed in the maintenance, repairs and alterations upon the fire alarm during the year:

|                                     |                 |
|-------------------------------------|-----------------|
| New poles set . . . . .             | 33              |
| Old poles re-set . . . . .          | 32              |
| Old poles taken down . . . . .      | 33              |
| Poles painted . . . . .             | 9               |
| Boxes painted . . . . .             | 47              |
| Miles new wire strung . . . . .     | 3 $\frac{1}{4}$ |
| Miles old wire strung . . . . .     | $\frac{1}{2}$   |
| Miles old wire taken down . . . . . | 1 $\frac{1}{4}$ |

For further statistics of this department, see appendix.

### Telephone Department.

This very necessary adjunct to the several departments, has been carefully looked after, the service rendered is much better than could reasonably be expected from the overcrowded condition of the line. The completion of the police circuit will relieve this in a measure. I would recommend that the several fire stations be relieved of all connections, except with headquarters.

The telephone system has become a part of the department; slight fires, requiring a single piece of apparatus, or as many as may be necessary, can be summoned. Its calls are as imperative as the fire alarm; it is therefore necessary that its efficiency should be maintained.

Residents having telephone connections will confer a favor by promptly notifying through the Fire or Police headquarters of any fires in their vicinity, particularly if no street signal station is available.

Total number of instruments in circuit, 21, as follows:

|                   |   |   |   |   |   |   |   |    |
|-------------------|---|---|---|---|---|---|---|----|
| Fire Department   | . | . | . | . | . | . | . | 9  |
| Police Department | . | . | . | . | . | . | . | 6  |
| Water Department  | . | . | . | . | . | . | . | 5  |
| City Hall         | . | . | . | . | . | . | . | 1  |
| Miles of wire     | . | . | . | . | . | . | . | 19 |

Respectfully submitted,

H. L. BIXBY,

*Superintendent Fire Alarm.*

## APPENDIX.

### Joint Standing Committee on Fire Department.

*Aldermen.* — HENRY E. COBB, (Chairman,) GEORGE PETTEE.

*Councilmen.* — A. F. UPTON, W. B. ATHERTON, FRANK EDMANDS.

### List of Officers.

| NAME.         | RANK.                 | HEADQUARTERS.          | RESIDENCE.      |
|---------------|-----------------------|------------------------|-----------------|
| H. L. Bixby . | Chief of Departm't .  | City Hall . . . . .    | Margin Street.  |
| W. P. Bemis . | Assistant Chief . . . | No. 3 Engine Station . | Station Street. |

### Employees and Members.

#### No. 1 Engine.

STATION. — WASHINGTON, OPP. NONANTUM STREET.

| MEMBERS.                | BADGE. | POSITION.          | OCCUPATION.    | RESIDENCE.         |
|-------------------------|--------|--------------------|----------------|--------------------|
| F. D. Graves . . . .    | 15     | Foreman, at call,  | Printer . . .  | Carleton Street.   |
| C. W. H. Boulton . .    | 9      | Assistant, “       | Carpenter . .  | Gardner & Fayette. |
| O. A. Chick . . . . .   | 8      | Hoseman, “         | Painter . . .  | At Station.        |
| R. J. Morrisey. . . .   | 16     | Hoseman, “         | Carpenter . .  | Centre Street.     |
| E. P. Leavitt. . . . .  | 7      | Hoseman, “         | Slater . . . . | At Station.        |
| F. Liddell . . . . .    | 11     | Hoseman, “         | Painter . . .  | Elmwood Street.    |
| E. W. Lyons . . . . .   | 14     | Hoseman, “         | Plumber . . .  | Washington Street. |
| J. W. Horrigan . . . .  | 6      | Hoseman, “         | Car'ge Smith   | At Station.        |
| H. C. Lindley . . . . . | 4      | Fireman, “         | Painter . . .  | At Station.        |
| EMPLOYEES.              |        |                    |                |                    |
| F. E. Judkins . . . . . | 2      | Engineer . . . . . | Permanent . .  | At Station.        |
| F. H. Harrington . . .  | 12     | Driver . . . . .   | Permanent . .  | At Station.        |

| DATE.          | APPOINTMENTS.   | POSITION. |
|----------------|-----------------|-----------|
| July 1, 1884.  | J. E. Lyons.    | Hoseman.  |
| Oct. 15, 1884. | J. F. Horrigan. | Hoseman.  |

#### HONORABLE DISCHARGE.

|                |                  |
|----------------|------------------|
| July 1, 1884.  | E. P. Burnham.   |
| July 1, 1884.  | A. Spencer.      |
| Aug. 1, 1884.  | J. McCammon.     |
| Oct. 15, 1884. | N. R. Sylvester. |

## No. 2 Engine.

STATION.—WASHINGTON STREET, OPP. LINCOLN PARK.

| MEMBERS.             | BADGE. | POSITION.         | OCCUPATION.   | RESIDENCE.       |
|----------------------|--------|-------------------|---------------|------------------|
| G. H. Haynes . . . . | 21     | Foreman, at call, | Carpenter . . | Henshaw Street.  |
| F. H. Humphrey . .   | 23     | Assistant, “      | Merchant . .  | Warren Avenue.   |
| J. Q. A. Hawkes . .  | 26     | Hoseman, “        | Painter . . . | Webster Street.  |
| W. F. Rand . . . .   | 28     | Hoseman, “        | Car’ge Maker  | Webster Street.  |
| R. J. Riley . . . .  | 29     | Hoseman, “        | Carpenter . . | At Station.      |
| W. H. Nicholl . . .  | 24     | Hoseman, “        | Carpenter . . | Waltham Street.  |
| C. M. Kebbe . . . .  | 30     | Hoseman, “        | Carpenter . . | Prospect Street. |
| J. W. Crosby . . .   | 25     | Hoseman, “        | Carpenter . . | Waltham Street.  |
| C. J. Crowley . . .  | 22     | Hoseman, “        | Painter . . . | At Station.      |
| F. T. Burgess . . .  | 20     | Hoseman, “        | Plumber . . . | At Station.      |
| G. K. Stacy . . . .  | 19     | Fireman . . . .   | Carpenter . . | At Station.      |
| EMPLOYEES.           |        |                   |               |                  |
| R. S. Cummings . .   | 17     | Engineer . . . .  | Permanent .   | At Station.      |
| C. L. Berry . . . .  | 18     | Driver . . . . .  | Permanent .   | At Station.      |

| DATE.        | APPOINTMENTS.  | POSITION. |
|--------------|----------------|-----------|
| May 1, 1884. | F. T. Burgess. | Hoseman.  |
| May 1, 1884. | C. J. Crowley. | Hoseman.  |

## HONORABLE DISCHARGE.

|              |                     |
|--------------|---------------------|
| May 1, 1884. | A. F. A. G. Libbey. |
|--------------|---------------------|

## RESIGNED.

|              |               |
|--------------|---------------|
| May 1, 1884. | T. W. Alfred. |
|--------------|---------------|

## No. 3 Engine.

STATION.—WILLOW STREET.

| MEMBERS.              | BADGE. | POSITION.         | OCCUPATION.   | RESIDENCE.     |
|-----------------------|--------|-------------------|---------------|----------------|
| A. I. English . . . . | 35     | Foreman, at call, | Carpenter . . | Centre Street. |
| S. F. Chadbourne . .  | 41     | Assistant, “      | Carpenter . . | Willow Street. |
| C. B. Geary . . . .   | 42     | Hoseman, “        | Carpenter . . | Lyman Street.  |
| D. McDonald . . . .   | 33     | Hoseman, “        | Carpenter . . | Centre Street. |
| C. Polly . . . . .    | 44     | Hoseman, “        | Carpenter . . | At Station.    |
| N. W. Thompson . .    | 46     | Hoseman, “        | Carpenter . . | Lyman Street.  |
| C. Thompson . . . .   | 36     | Hoseman, “        | Carpenter . . | At Station.    |
| C. A. Peck . . . . .  | 45     | Fireman . . . .   | Painter . . . | At Station.    |
| EMPLOYEES.            |        |                   |               |                |
| A. D. Colby . . . .   | 32     | Engineer . . . .  | Permanent .   | At Station.    |
| A. C. Jewett . . . .  | 43     | Driver . . . . .  | Permanent .   | At Station.    |

| DATE.        | APPOINTMENTS.     | POSITION.        |
|--------------|-------------------|------------------|
| May 1, 1884. | A. I. English.    | Foreman.         |
| May 1, 1884. | S. F. Chadbourne. | Assist. Foreman. |
| May 1, 1884. | C. B. Geary.      | Hoseman.         |
| May 1, 1884. | D. McDonald.      | Hoseman.         |



|              |                 |          |
|--------------|-----------------|----------|
| May 1, 1884. | W. A. Thompson. | Hoseman. |
| May 1, 1884. | C. Polly.       | Hoseman. |
| May 1, 1884. | C. E. Thompson. | Hoseman. |

## RESIGNED.

|                |                   |
|----------------|-------------------|
| April 1, 1884. | G. F. Richardson. |
| April 1, 1884. | S. F. Chadbourne. |
| April 1, 1884. | D. McDonald.      |
| April 1, 1884. | C. B. Gary.       |
| April 1, 1884. | W. Bliss.         |
| April 1, 1884. | T. R. Frost.      |
| April 1, 1884. | C. Polly.         |
| April 1, 1884. | W. A. Thompson.   |
| April 1, 1884. | A. I. English.    |
| April 1, 1884. | C. E. Thompson.   |

## No. 1 Truck.

## STATION.—WASHINGTON, OPP. WALKER STREET.

| MEMBERS.               | BADGE. | POSITION.         | OCCUPATION.   | RESIDENCE.         |
|------------------------|--------|-------------------|---------------|--------------------|
| W. S. Higgins . . . .  | 62     | Foreman, at call, | Carpenter . . | Brooks Avenue.     |
| F. B. Sisson . . . .   | 60     | Assistant, "      | Carpenter . . | Washington Street. |
| J. H. Williams . . . . | 66     | Truckman, "       | Painter . . . | Washington Street. |
| O. Dow . . . . .       | 87     | Truckman, "       | Tinsmith . .  | Murray Street.     |
| T. C. Nickerson . . .  | 68     | Truckman, "       | Carpenter . . | Lowell Street.     |
| H. J. Williams . . . . | 63     | Truckman, "       | Painter . . . | At Station.        |
| J. Beals . . . . .     | 64     | Truckman, "       | Merchant . .  | Washington Street. |
| C. Coleman . . . . .   | 61     | Truckman, "       | Carpenter . . | Allston Street.    |
| U. H. Dyer . . . . .   | 65     | Truckman, "       | Merchant . .  | Lowell Street.     |
| J. Watts . . . . .     | 69     | Truckman, "       | Carpenter . . | Murray Street.     |
| M. McLeod . . . . .    | 71     | Truckman, "       | Carpenter . . | At Station.        |
| J. F. Horrigan . . . . | 70     | Truckman, "       | Painter . . . | Washington Street. |
| EMPLOYEE.              |        |                   |               |                    |
| C. Murphy . . . . .    | 59     | Driver . . . . .  | Permanent .   | At Station.        |

## No. 4 Hose.

## STATION.—WASHINGTON, OPP. WALKER STREET.

| MEMBERS.               | BADGE. | POSITION.         | OCCUPATION.   | RESIDENCE.       |
|------------------------|--------|-------------------|---------------|------------------|
| E. C. Waterhouse . .   | 52     | Foreman, at call, | Carpenter . . | Wash'n & Walnut. |
| A. J. Wandless . . . . | 47     | Assistant, "      | Carpenter . . | Allston Street.  |
| D. Archibald . . . .   | 50     | Hoseman, "        | Shoemaker .   | At Station.      |
| J. Deery . . . . .     | 49     | Hoseman, "        | Carpenter . . | Murray Street.   |
| F. A. Dexter . . . . . | 51     | Hoseman, "        | Clerk . . . . | At Station.      |
| EMPLOYEE.              |        |                   |               |                  |
| J. E. Watson . . . . . | 48     | Driver . . . . .  | Permanent .   | At Station.      |

|              |                 |                  |
|--------------|-----------------|------------------|
| DATE.        | PROMOTION.      | POSITION.        |
| May 1, 1884. | A. J. Wandless. | Assist. Foreman. |

|              |               |           |
|--------------|---------------|-----------|
| DATE.        | APPOINTMENT.  | POSITION. |
| May 1, 1884. | F. A. Dexter. | Hoseman.  |

|              |                      |
|--------------|----------------------|
| DATE.        | HONORABLE DISCHARGE. |
| May 1, 1884. | E. P. Besse.         |

**No. 5 Hose.**

STATION.—AUBURN, ABOVE MELROSE STREET.

| MEMBERS.                | BADGE. | POSITION.         | OCCUPATION.   | RESIDENCE.      |
|-------------------------|--------|-------------------|---------------|-----------------|
| W. F. Soule . . . . .   | 53     | Foreman, at call, | Carpenter . . | Central Street. |
| J. F. Washburn . . . .  | 55     | Assistant, “      | Painter . . . | At Station.     |
| J. M. Taylor . . . . .  | 57     | Hoseman, “        | R. R. Empl'ee | At Station.     |
| J. Frost . . . . .      | 54     | Hoseman, “        | Shoemaker . . | Auburn Street.  |
| J. U. Kimball . . . . . | 58     | Hoseman, “        | Carpenter . . | At Station.     |

|                 |                |           |
|-----------------|----------------|-----------|
| DATE.           | APPOINTMENT.   | POSITION. |
| April 15, 1884. | J. U. Kimball. | Hoseman.  |

|                 |                      |
|-----------------|----------------------|
| DATE.           | HONORABLE DISCHARGE. |
| April 15, 1884. | L. H. Spaulding.     |

**No. 6 Hose.**

STATION.—WASHINGTON AND HAMILTON STREETS.

| MEMBERS.               | BADGE. | POSITION.         | OCCUPATION.   | RESIDENCE.         |
|------------------------|--------|-------------------|---------------|--------------------|
| B. Early . . . . .     | 75     | Foreman, at call, | Paper-Maker   | At Station.        |
| H. H. Miles . . . . .  | 77     | Assistant, “      | Carpenter . . | Grove Street.      |
| D. J. Corcoran . . . . | 76     | Hoseman, “        | Carder . . .  | At Station.        |
| P. E. O'Neil . . . . . | 79     | Hoseman, “        | Fireman . . . | Grove Street.      |
| D. J. Cooney . . . . . | 78     | Hoseman, “        | Carpenter . . | At Station.        |
| T. E. Haley . . . . .  | 74     | Hoseman, “        | Painter . . . | Mason & Wales Sts. |

|               |              |           |
|---------------|--------------|-----------|
| DATE.         | APPOINTMENT. | POSITION. |
| Nov. 1, 1884. | T. E. Haly.  | Hoseman.  |

|               |                       |
|---------------|-----------------------|
| DATE.         | HONORABLY DISCHARGED. |
| Nov. 1, 1884. | G. T. Clatworthy.     |



## No. 7 Hose.

## STATION. — PETTEE STREET.

| MEMBERS.              | BADGE. | POSITION.         | OCCUPATION.   | RESIDENCE.       |
|-----------------------|--------|-------------------|---------------|------------------|
| W. S. Cargill . . . . | 82     | Foreman, at call, | Carpenter . . | High Street.     |
| H. A. Smith . . . .   | 84     | Assistant, "      | Carpenter . . | Rockland Place.  |
| J. E. Trowbridge . .  | 81     | Hoseman, "        | Merchant . .  | High Street.     |
| J. T. Thomason . . .  | 80     | Hoseman, "        | Merchant . .  | Chestnut Street. |
| C. E. Rand . . . . .  | 86     | Hoseman, "        | Machinist . . | At Station.      |
| G. H. Osborne . . . . | 83     | Hoseman, "        | Moulder . .   | Summer Street.   |

| DATE.          | APPOINTMENT.   | POSITION. |
|----------------|----------------|-----------|
| April 1, 1884. | C. E. Rand.    | Hoseman.  |
| May 1, 1884.   | G. H. Osborne. | Hoseman.  |

| DATE.          | HONORABLE DISCHARGE. |
|----------------|----------------------|
| April 1, 1884. | A. E. Easterbrook.   |
| May 1, 1884.   | A. M. Fuller.        |

STATEMENT OF DUTY PERFORMED BY EACH COMPANY FOR THE  
YEAR ENDING DEC. 31, 1884.

| APPARATUS.             | LADDERS IN<br>SERVICE.<br>Feet. | HOSE IN<br>SERVICE.<br>Feet. | MILES<br>TRAVELLED. | DURATION<br>OF SERVICE.<br>Hours. |
|------------------------|---------------------------------|------------------------------|---------------------|-----------------------------------|
| No. 1 Truck . . . . .  | 653                             |                              | 141                 | 55                                |
| No. 1 Engine . . . . . | -                               | 1,300                        | 20                  | 17                                |
| No. 2 Engine . . . . . | -                               | 3,600                        | 45                  | 28.30                             |
| No. 3 Engine . . . . . | -                               | 2,450                        | 49                  | 23                                |
| No. 4 Hose . . . . .   | -                               | 2,900                        | 64                  | 26.30                             |
| No. 5 Hose . . . . .   | -                               | 1,450                        | 31                  | 18                                |
| No. 6 Hose . . . . .   | -                               | 2,250                        | 24                  | 24                                |
| No. 7 Hose . . . . .   | -                               | 2,550                        | 58                  | 33                                |
| Grand Total . . . . .  | 653                             | 16,500                       | 432                 | 225                               |

## Fire Alarm Telegraph.

## CITY BUILDING, WILLOW STREET.

| NAME.                    | BADGE. | POSITION.          | RESIDENCE.     |
|--------------------------|--------|--------------------|----------------|
| W. B. Randlett . . . . . | 1      | Operator . . . . . | Centre Street. |

**Location of Tower-Bells.**

| LOCATION.                   | STREET.  | WEIGHT.         |
|-----------------------------|--|-----------------|
| Congregational Church . . . | Centre and Church Streets . . . .                            | 3,600 lbs.      |
| Methodist Church . . . . .  | Walnut, bet. Newtonville Ave. and<br>Bowers Street . . . . . | 1,200 "         |
| City Hall . . . . .         | Washington and Cherry Streets . .                            | 2,650 "         |
| Congregational Church . . . | Hancock St. and Woodland Ave. .                              | 3,250 "         |
| Crehore Paper-Mills . . . . | Washington and Hamilton Streets,                             | 8-inch whistle. |
| Methodist Church . . . . .  | Summer Street . . . . .                                      | 1,500 lbs.      |
| Mason School . . . . .      | Beacon and Station Streets . . . .                           | 2,000 "         |

**Location and Size of Gongs.**

|  |          |
|--|----------|
| No. 1 Engine-Station . . . . .             | 15-inch. |
| No. 2 " " . . . . .                        | 15 "     |
| No. 3 " " . . . . .                        | 15 "     |
| No. 1 Truck-Station . . . . .              | 16 "     |
| No. 5 Hose-Station . . . . .               | 8 "      |
| No. 6 " " . . . . .                        | 15 "     |
| No. 7 " " . . . . .                        | 16 "     |
| Residence of Chief of Department . . . .   | 8 "      |
| Residence of Assistant Chief . . . . .     | 8 "      |
| Residence of Fire-Alarm Operator . . . .   | 8 "      |
| Water-Works Pumping-Station . . . . .      | 8 "      |
| Residence of Otis Pettee (private) . . . . | 8 "      |
| Factory, M. G. Crane (private) . . . . .   | 16 "     |

**Location of Signal-Stations.****STATIONS.**

4. Auburn and Lexington Streets (Auburndale).
5. No. 6 Hose-Station (Lower Falls).
6. No. 7 Hose-Station (Upper Falls).
7. Station Street and Glen Avenue (Newton Centre).
8. Beacon and Hammond Streets (Chestnut Hill).
9. Brookline and Dedham Streets (Oak Hill).
12. Park and Church Streets (Newton).
13. Sargent and Centre Streets (Newton).
14. Washington and Jewett Streets (Newton).
15. No. 1 Engine-Station (Newton).
16. Church and Centre Streets (Newton).
17. School and Pearl Streets (Newton).
18. Newtonville Avenue and Howard Street (Newton).
112. Washington Street and Hunnewell Park.

21. No. 1 Truck-Station (Newtonville).
23. Washington and Walnut Streets (Newtonville).
24. Chapel and Watertown Streets (North Village).
25. Crafts and Watertown Streets (North Village).
26. Walnut Street, opposite High School (Newtonville).
27. Highland Avenue and Allston Street (Newtonville).
28. Walnut and California Streets (Newtonville).
31. Waltham and Washington Streets (West Newton).
32. River and Pine Streets (West Newton).
34. Waltham and Derby Streets (West Newton).
35. No. 2 Engine-Station (West Newton.)
36. Fuller and Washington Streets (West Newton).
37. Otis and Fountain Streets (West Newton).
312. Police Headquarters, City Hall (West Newton).
421. Hancock and Fern Streets (Auburndale).
41. Auburn and Charles Streets (Riverside).
42. Woodland Avenue and Grove Street (Auburndale).
43. Ash and Islington Streets (Auburndale).
45. Greenough and Auburn Streets.
51. Washington and Concord Streets (Lower Falls).
52. City Almshouse.
53. Grove Street and Pine-Grove Avenue.
61. Chestnut and Winter Streets (Upper Falls).
62. Chestnut and Oak Streets (Upper Falls).
63. Mechanic and Elliott Streets (Upper Falls).
64. Walnut Street, rear Circuit Railway Depot (Highlands).
65. Cook and Boylston Streets (Highlands).
612. Pettee Machine Works (private), (Upper Falls).
71. Walnut Street and Cemetery Gate.
72. Crane & Co.'s Machine-Shop (private), (Highlands).
73. No. 3 Engine-Station (Newton Centre).
74. Beacon Street and Laurel Avenue (Newton Centre).
75. Cypress and Paul Streets (Newton Centre).
81. Ward Street and Waverly Avenue (Newton Centre).
82. Kenrick Street and Waverly Avenue (Newton).
91. Clark and Parker Streets (Oak Hill).

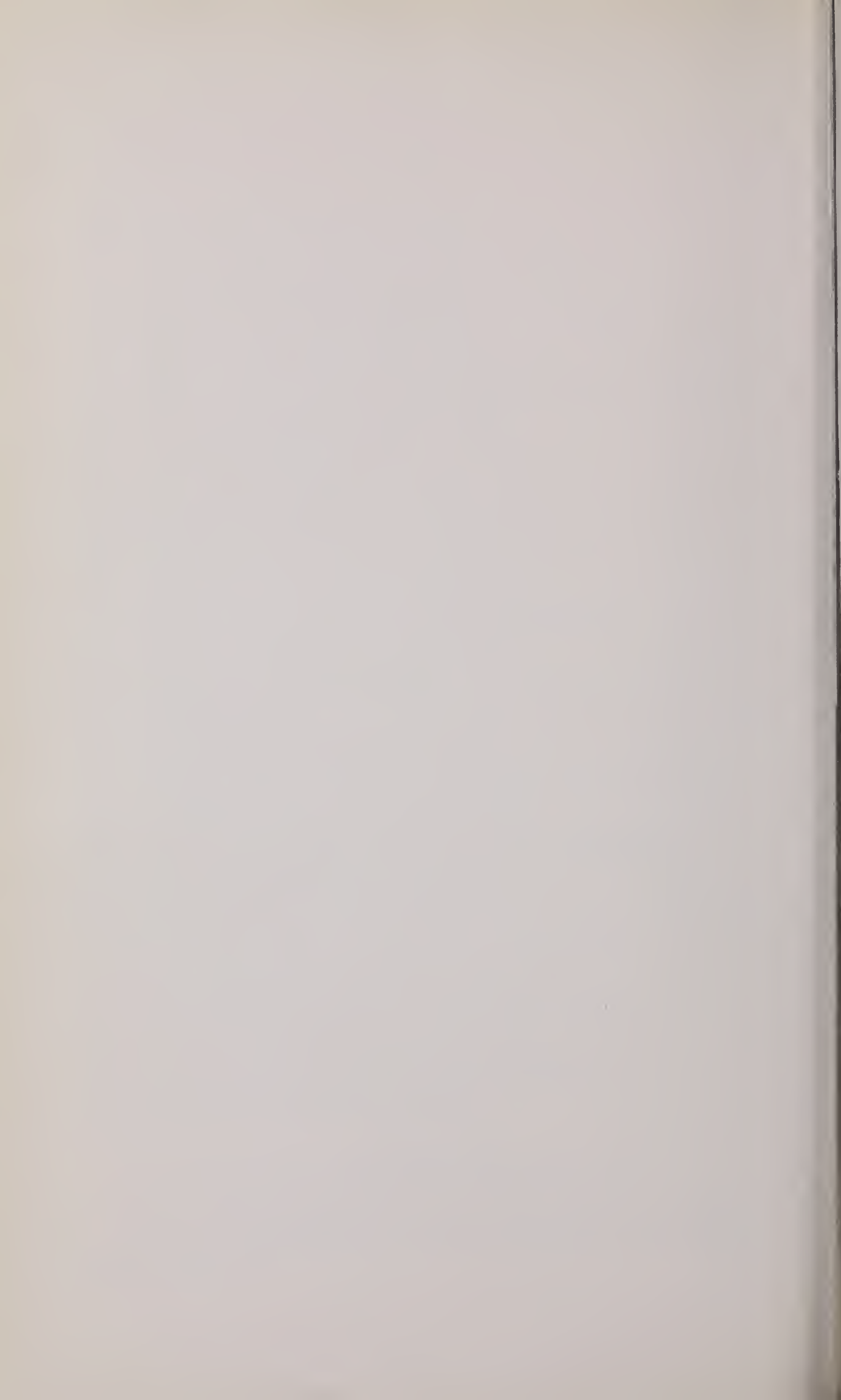
## INSTRUCTIONS.

### Cautions to Persons Holding Signal-Box Keys.

Never open a box, or touch the apparatus, except in case of fire.

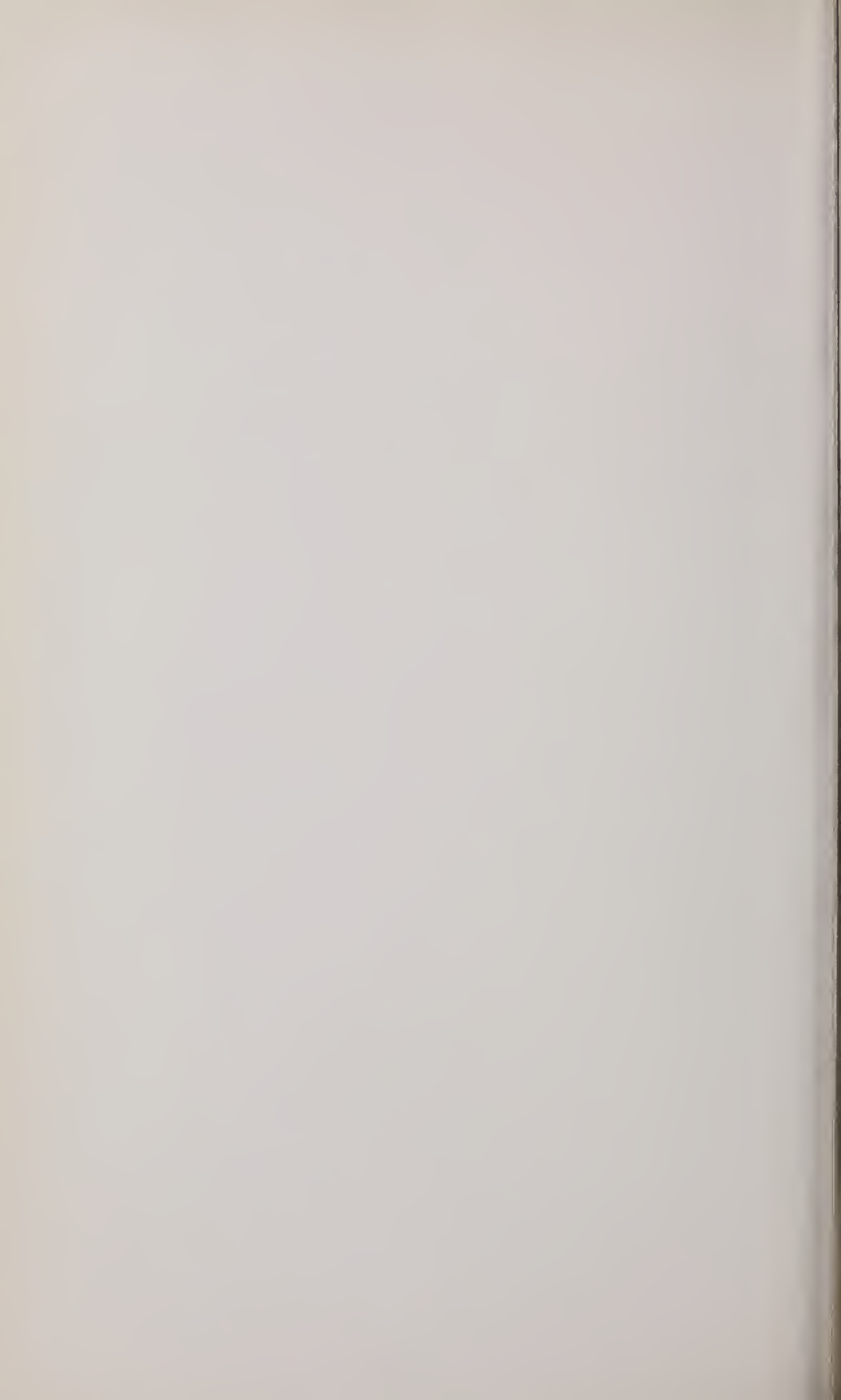
Never sound the alarm for a fire seen at a distance, unless assistance is called for.











Be reasonably sure there is a fire before sounding the alarm.

Be sure your box is locked before leaving it.

Never let the key go out of your possession, except to some responsible person to give an alarm of fire, and be sure the key is returned.

If you remove from your house or place of business, return the key to the Chief of Fire Department, City Hall.

### **Directions in Case of Fire.**

Get the key to the nearest box to the fire. Open the box; pull the hook all the way down once, and let go. If you hear no sound from the bells, or tapper in the box, pull again. If you fail the second time, go to the next nearest box, and do the same; but do not touch any other box if the nearest one gives the alarm.

Remain at the box, if possible, after giving an alarm, to direct the firemen to the fire.

No person will give alarms for the same fire, after the first alarm has been given, without an order from the Chief or Assistant Engineer.

Citizens are earnestly requested to keep themselves informed as to the location of keys to signal-boxes. Signs over each box will give the desired information.

### **School Signals.**

1-111 (thirteen) once. — Morning session, 8.15 A. M.; afternoon session, 1.15 P. M.

### **Signals.**

1. — Blow for test at 11.45 A. M. and 5.45 P. M. (Sundays, 12.15 P. M.).

1-1. — Two blows will be given when the companies in service at fires have "made up."

Should an alarm occur from another box before the signal is struck, companies answering second will immediately answer on first, companies answering third will answer second.

1-1-1 (three blows). — General alarm, and calls entire Fire Department.

14 blows followed by the box number will assemble the police in case of emergency.

11-11 (twenty-two). — Signal of No. 1 Engine when called out of city; same on return.

1-1-1 (three blows). — Signal of No. 2 Engine when called out of city; same on return.

111-111 (thirty-three). — Signal of No. 3 Engine when called out of city; same on return.

H. L. BIXBY,  
*Supt. Fire Alarm,*  
(Room A, City Hall).

Office-hours 2 to 5 P. M.

**STATEMENT OF DETAILS OF FIRES AND ALARMS FOR THE  
YEAR ENDING DEC. 31, 1884.**

**Jan. 14, 8.15 A. M. Washington and Nonantum Streets.**

Two-story frame dwelling,  $25 \times 50$ . Owned by Fuller estate, occupied by Mrs. Stearns. Damage slight. Cause, hot ashes in wooden box. Extinguished without alarm by Hoseman Chick, Engine 1.

**Feb. 9, "Special 22," 2.25 A. M. Brighton District.**

Cause, call for assistance. Apparatus detailed: No. 1 Engine. Chief of Department. Service, one hour.

**Feb. 14, Station 73, 12.34 A. M. Cedar Street.**

Two story frame stable,  $28 \times 40$ . Owned by Lyman Morse, occupied by C. S. Boothby. Loss, \$660. Insured. Cause, incendiary. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief. Service, four hours.

**March 13, Station 15, 6.13 P. M. Arlington and Pembroke Streets.**

Three story frame dwelling,  $30 \times 50$ . Owned and occupied by S. A. D. Sheppard. Loss, \$130. Insured. Cause, ignition window drapery from gas jet. Apparatus present: 1 Engine, 4 Hose, 1 Truck, Chief of Department. Service, two hours.

**Mar. 17, Station 9, 6.10 P. M. Dedham Street.**

Two story frame dwelling,  $20 \times 40$ . Owned by James Smith, occupied by Mrs. Orange. Loss \$50. Insured. Cause, burning chimney. Apparatus present: 3 Engine, 7 Hose, Chief and Assistant Chief.

**March 18, 2.17 P. M. Auburn and Crescent Streets.**

Grassland. Cause, Locomotive sparks. Apparatus present: 5 Hose, Chief of Department and Officer Daniel Bosworth.

**March 31, Station 65, 11.40 A. M. Boylston and Elliott Streets.**

Two and half story frame dwelling,  $20 \times 40$ . Owned by George Stone, occupied by Mrs. Irving. Damage \$10. Insured. Cause, defective flue. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.

**April 13, 3 P. M. Washington and Walnut Streets.**

Two story frame shops,  $20 \times 40$ . Owned by R. M. Pulsifer. Damage slight. Cause, locomotive sparks. Extinguished without alarm by Hoseman Besse of 4, and Riley of 2 Engine.

**April 14, 10.30 A. M. Highland Avenue.**

Grassland. Cause, careless burning of rubbish. Extinguished by Besse, 4 Hose.

**April 14, Station 42, 1.52 P. M. Vista Avenue.**

Woods. Cause, careless burning rubbish. Apparatus present: 2 Engine, 4, 5, 6 Hose, 1 Truck, Chief of Department.

**April 26, Station 73, 7.06 P. M. Station Street.**

Three story brick, stores, etc.,  $50 \times 100$ . Owned by Thomas Nickerson, occupied by Wm. Bliss and others. Cause, breaking kerosene lamp. Damage slight. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.

**May 3, Station 9, 3.45 P. M. Dedham Street.**

Woodland. Cause, careless burning rubbish. Apparatus present: 3 Engine, 7 Hose, Chief and Assistant Chief.

**May 3, 8.15 P. M. "Telephone." Central Street.**

Woods. Cause, Locomotive sparks. Apparatus present: 5 Hose, Chief of Department.



**May 4, Station 62, 3.50 P. M. Needham Street.**

Fences. Cause, sparks from brush fire. Loss, \$300. Apparatus present: 3 Engine, 4 and 7 Hose, 1 Truck, Chief and Assistant Chief.

**May 6, Station 52, Beacon Street.**

One story frame dwelling,  $12 \times 20$ . Owned by John McCort, unoccupied. Loss \$150. Insured. Cause, incendiary. Apparatus present: 3 Engine, 6 and 7 Hose, 1 Truck, Chief and Assistant Chief.

**May 16, Station 18, 8.05 P. M., Newtonville Ave. and Howard St.**

Two story frame dwelling,  $28 \times 30$ . Owned by Charles Tilton, occupied by Mrs. H. M. Tilton. Loss \$393. Insured. Cause, ignition window drapery from gas jet. Apparatus present: 1 Engine, 4 Hose, 1 Truck, Chief of Department.

**May 19, Station 23, 3.25 P. M. Washington and Walnut Streets.**

Two story frame, shops,  $20 \times 100$ . Owned by R. M. Pulsifer, occupied by H. F. Ross and others. Loss, \$275. Insured. Cause, locomotive sparks. Apparatus present: 1 and 2 Engines, 4 Hose, 1 Truck, Chief of Department.

**June 11, Station 32, 4.40 P. M. River and Pine Streets.**

Two story frame dwelling,  $14 \times 28$ . Owned and occupied by Mrs. Thomas Kelly. Loss, \$25. Insured. Cause, defective flue. Apparatus present: 2 Engine, 4, 5 Hose, 1 Truck, Chief Department.

**June 17, Station 31, 9.08 P. M., Washington and Chestnut Streets.**

Three story brick, stores, etc.,  $40 \times 60$ . Owned by Samuel Lovell (heirs). Loss \$22. Insured. Cause, children playing with matches. Apparatus present: 2 Engine, 4, 5 Hose, 1 Truck, Chief of Department.



**July 3, Station 15, 1.24 P. M., Washington and Channing Streets.**

Two story frame dwelling,  $30 \times 60$ . Owned by Francis E. Hamblin, occupied by E. H. Cutler. Damage slight. Cause, fire-crackers. Apparatus present: 1 Engine, 4 Hose, 1 truck, Chief and Assistant Chief.

**July 4, "Special 22," 2.25 A. M. (Brighton District), Boston.**

Mistake in alarm. Signal unnecessary.

**July 4, Station 51, 3.10 A. M. Grove Street.**

One story frame, storehouse,  $14 \times 28$ . Owned by George Crehore (heirs). Loss \$50. Insured. Cause, incendiary. Apparatus present: 2 Engine, 5, 6 Hose, 1 Truck, Chief of Department.

**July 4, Station 61, 10.40 A. M. Chestnut Street.**

Two story frame dwelling,  $18 \times 36$ . Owned by William Lowe. Damage slight. Cause, fire-crackers. Apparatus present, 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.

**July 4, Station 24, 1 P. M. Green and West Streets.**

Two story frame dwelling,  $14 \times 28$ . Owned by Francis E. Hamblin, occupied by H. McKenzie. Damage slight. Cause, fire-crackers. Apparatus present: 1, 2 Engines, 4 Hose, 1 Truck, Chief of Department.

**July 4, Station 35, 3.28 P. M. Davis Place.**

Two story frame planing mill,  $30 \times 60$ . Owned and occupied by M. Lucas. Loss, \$64.50. Insured. Cause, fire-crackers. Apparatus present: 2 Engine, 4, 5, 6 Hose, 1 Truck, Chief of Department.

**July 4, Station 73, 8.48 P. M. Centre Street.**

Three story frame dwelling,  $25 \times 50$ . Owned by George E. Gilbert, unoccupied. No damage. Cause, fireworks. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.

**July 13, Station 5, 4.15 A. M. Washington Street.**

Two story frame stable,  $30 \times 50$ . Owned by Thomas Rice (heirs). Occupied by Daniel Warren. Loss \$800. Cause, incendiary. Apparatus present: 2 Engine, 5, 6 Hose, 1 Truck, Chief of Department.

**July 15, Station 4, 4.40 P. M. Lexington Street.**

Two story frame stable,  $20 \times 30$ . Owned by Boston & Albany Railroad. Damage slight. Cause, children playing with matches. Apparatus present: 2 Engine, 4, 5, 6 Hose, 1 Truck, Chief of Department.

**July 22, Station 73, 6.34 P. M.**

Three story brick, stores, etc.,  $50 \times 100$ . Owned by Thomas Nickerson. Damage slight. Cause, ignition of curtain from lamp. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.

**July 26, Station 4, 2.51 A. M. Auburn and Lexington Streets.**

One story frame, stores,  $25 \times 30$ . Owned by Joshua Washburn. Occupied by H. Smith. Loss, \$1342.00. Insured. Cause, incendiary. Apparatus present: 2 Engine, 4, 5, 6 Hose, 1 Truck, Chief of Department.

**July 26, 10 P. M. Telephone, Waverly Avenue.**

Two story frame dwelling,  $20 \times 40$ . Owned and occupied by J. A. Kenrick (heirs). Damage slight. Cause, burning chimney. Apparatus present: 1 Engine, Foreman Graves.

**Aug. 24, Station 15. 8.39 P. M.**

Three story frame dwelling,  $28 \times 40$ . Owned by Mrs. H. F. Carrier, occupied by H. A. Ball. Loss, \$4360.00. Insured. Cause, unknown. Apparatus present: 1 Engine, 4 Hose, 1 Truck, Chief of Department.

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**Aug. 30, Station 312. Police Headquarters.**

Three story frame dwelling,  $30 \times 60$ . Mount Vernon street, owned and occupied by Mrs. C. G. Carter. Loss slight. Cause, breaking kerosene lamp. Apparatus present: 2 Engine, 4, 5 Hose, 1 Truck, Chief of Department.

**Sept. 12, 3 P. M. "Special 22," (Brighton Dist). Boston.**

Apparatus detailed: 1 Engine, Assistant Chief of Department.

**Sept. 13, 1.45 P. M. Washington, opposite Lander Street.**

Hay stack. Owned by H. Simms. Loss, \$30. Cause, children playing with matches. Apparatus present: 2 Hose, Assistant Foreman Humphrey, permanent employees Cummings and Berry.

**Sept. 15, Station 71, 1.23 P. M. Homer and Walnut Streets.**

Two story frame dwelling,  $18 \times 28$ . Owned by Henry Ross. Occupied by Daniel Durgin. Loss, \$650. Insured. Cause, smoking in building. Apparatus present: 3 Engine, 4, 7 Hose, 1 Truck, Chief and Assistant Chief.

**Sept. 24, Station 25, 2.43 P. M. Second, 2.47 P. M.  
General, 2.50 P. M.**

Exhibition of department and hydrant service before the New England Water Works Association, by order of His Honor, the Mayor. Apparatus present: 1, 2, 3 Engines, 4, 5, 6, 7 Hose, 1 Truck, Chief and Assistant Chief.

**Oct. 2, Station 35, 9.16 P. M. Prospect Street.**

Two story frame dwelling,  $18 \times 20$ . Owned and occupied by Samuel Roosa. Loss, \$600. Insured. Supposed cause, explosion kerosene lamp. Apparatus present: 2 Engine, 4, 5, 6 Hose, 1 Truck, Chief of Department.

**Oct. 5, Station 25, 9.45 P. M. Crafts Street.**

One story frame dwelling,  $15 \times 30$ . Owned and occupied by John Coffey. Loss, \$50. Cause, incendiary. Apparatus present: 1, 2 Engines, 4 Hose, 1 Truck, Chief of Department.

**Oct. 27, Station 61, 1.35 P. M. Chestnut Street.**

Two story frame stable,  $20 \times 28$ . Owned by Hugh Kelly. Loss, \$300. Insured. Cause, incendiary. Apparatus present: 3 Engine, 7 Hose, 1 Truck. Chief and Assistant Chief.

**Nov. 1, Station 61, 7 A. M. Boylston Street.**

One story frame paper mill,  $30 \times 60$ . Owned by David Ellis (heirs), occupied by Wardwell & Clark. Loss, \$4800. Insured. Cause, friction from misplaced pulley. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.

**Nov. 4, Station 5, 8 P. M. Beacon and Washington Streets.**

Two story frame stable,  $15 \times 20$ . Owned by Bartholomew, occupied by George Wetherbee. Loss slight. Cause, incendiary. Apparatus present: 2 Engine, 5, 6 Hose, 1 Truck, Chief of Department.

**Nov. 13, Telephone, 11.45 P. M. Walnut and Homer Streets.**

Woods. Cause, unknown. Apparatus present: 3 Hose, Assistant Chief.

**Nov. 18, Station 62, 8.38 P. M. Oak and Chestnut Streets.**

False Alarm. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.



**Dec. 7, Station 64, 12.46 A. M. Homer Street.**

Two story frame dwelling,  $28 \times 40$ . Owned by John Shehan, occupied by Matthews Connors. Loss, \$1,075. Insured. Cause, incendiary. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.

**Dec. 16, Telephone, 1.53 P. M. Highland Avenue.**

Grassland. Cause, set by boys. Extinguished by Driver Berry, Engine 2.

**Dec. 20, 10.45 A. M. Hammond Street**

One story, stone railway station,  $28 \times 30$ . Owned by Boston & Albany Railroad. Loss, \$25. Insured. Cause, thawing water pipes. Extinguished by occupants.

**Dec. 20, Station 53, 8.49 and 9.08 P. M. Grove Street.**

Locomotive, two passenger cars and bridge, owned by Boston & Albany Railroad. Loss, \$19,300. Insured. Cause, collision. Apparatus present: 1, 2 Engines, 4, 5, 6, 7 Hose, 1 Truck, Chief and Assistant Chief.

**Dec. 28, Station 61, 4.19 A. M. Boylston and Ellis Streets.**

Two story frame paper mill,  $50 \times 100$ . Owned by David Ellis (heirs), occupied by Wardwell & Clark. Loss, \$75. Insured. Cause, overheated bearing. Apparatus present: 3 Engine, 7 Hose, 1 Truck, Chief and Assistant Chief.

## LIST OF HYDRANTS AND LOCATIONS.

### Located in Ward One.

#### SIZE OF MAIN.

- |        |  |
|--------|--|
| 6 in.  | Bellevue, 500 ft. east of Newtonville Avenue.    |
| "      | Bellevue and Centre Streets.                     |
| "      | Bellevue, 495 ft. west of Centre Street.         |
| "      | Bellevue and Summit Streets.                     |
| "      | Bennington, 325 ft. west of Centre Street.       |
| "      | Bennington, 800 ft. west of Centre Street.       |
| "      | Boyd and Emerson Streets.                        |
| "      | Boyd and Jewett Streets.                         |
| "      | California, 1,200 ft. east of Chapel Street.     |
| "      | California, 750 ft. east of Chapel Street.       |
| "      | California and Chapel Streets.                   |
| "      | Chapel Street, 513 ft. north of Dugdale Mills.   |
| "      | Chapel Street and Dugdale Mills.                 |
| "      | Chapel and Watertown Streets.                    |
| "      | Chapel, 500 ft. south of Watertown Street.       |
| 12 in. | Church Street, 50 ft. east of R. R. Crossing.    |
| "      | Church, 500 ft. west of Centre Street.           |
| 6 in.  | Cook, 265 ft. south of Watertown Street.         |
| "      | Dalby and Watertown Streets.                     |
| "      | Fairmount Avenue, 400 ft. west of Centre Street. |
| "      | Fairmount Avenue, 800 ft. west of Centre Street. |
| "      | Fayette, 200 ft. south of Boyd Street.           |
| "      | Green and Pearl Streets.                         |
| "      | Green and Chapel Streets.                        |
| "      | Hovey and Washington Streets.                    |
| "      | Hovey and Waban Streets.                         |



- 8 in. Jewett and Waban Streets.
- “ Jewett and Washington Streets.
- 6 in. Lombard and Centre Streets.
- “ Lombard, 1,000 ft. west of Centre Street.
- “ Newtonville Avenue, 100 ft. west of Mt. Ida Street.
- “ Newtonville Avenue and Oakland Street.
- “ Newtonville Avenue, 130 ft. east of Howard Street.
- “ Newtonville Avenue, 750 ft. east of Howard Street.
- 8 in. Pearl, between Gardner and Jewett Streets.
- “ Pearl and Gardner Streets.
- “ Pearl and Jewett Streets.
- “ Pearl, 400 ft. south of Watertown Street.
- 6 in. Richardson and Church Streets.
- “ Richardson, 450 ft. west of Centre Street.
- “ School and Waban Streets.
- “ School and Washington Streets.
- “ Waban Park and Waban Street.
- “ Walnut Park, 500 ft. north of Washington Street.
- 12 in. Washington Street, 400 ft. west of Walnut Park.
- 8 in. Washington and Bacon Streets.
- “ Watertown and Pearl Streets.
- 4 in. Wesley, 300 ft. west of Centre Street.
- 6 in. West and Middle Streets.
- “ West, 500 ft. south of Watertown Street.

#### Located in Ward Two.

#### SIZE OF MAIN.

- 6 in. Adams, 450 ft. north of Watertown Street.
- “ Adams, 120 ft. north of Washington Street.
- “ Adams, 400 ft. north of Clinton Street.
- “ Adams and Watertown Streets.
- “ Beach and Washington Streets.
- “ Bowers, 675 ft. east of Walnut Street.

SIZE OF  
MAIN.

- 6 in. Bridge and Chandler Streets.
- “ Bridge, 495 ft. north of Chandler Street.
- “ Bridge and California Streets.
- “ Brooks Place, 600 ft. north of Washington Street.
- “ Brookside Avenue, 500 ft. north of Washington St.
- “ Cabot, 754 ft. east of Walnut Street.
- “ California, 700 ft. east of Crafts Street.
- “ Central Avenue and Washington Street.
- “ Central Avenue and Turner Street.
- “ Central Avenue and Prescott Street.
- “ Central Avenue and Court Street.
- “ Clinton, 500 ft. west of Adams Street.
- 4 in. Court and Beach Streets.
- 6 in. Crafts and Linwood Streets.
- 8 in. Crafts and California Streets.
- “ Cross and Washington Streets.
- 6 in. Harvard Street and Washington Park.
- “ Highland Avenue and Walnut Street.
- “ Highland Avenue, 470 ft. west of Walnut Street.
- “ Highland Avenue, 1400 ft. west of Walnut Street.
- “ Highland Avenue and Allston Street.
- “ Lowell and Walnut Streets.
- “ Lowell and Edinboro' Streets.
- “ Lowell and Washington Streets.
- 12 in. Mill and Walnut Streets.
- 6 in. Mt. Vernon, 290 east of Allston Street.
- “ Nevada and Watertown Streets.
- “ Nevada Street, opp. Silver Lake Mills.
- “ Nevada, 985 ft. north of Watertown Street.
- “ Nevada and California Streets.
- “ Newtonville Avenue and Harvard Street.
- “ Newtonville Avenue, 500 ft. east of Harvard Street

SIZE OF  
MAIN.

- 6 in. Newtonville Avenue, 530 ft. east of Walnut Street.
- “ Newtonville Avenue and Walnut Street.
- 4 in. Nonantum Worsted Co., Chapel Street (private).
- 6 in. Otis, 500 ft. west of Murray Street.
- “ Otis and Walnut Streets.
- “ Otis, bet. Walnut and Murray Streets.
- “ Otis, 300 ft. east of Forest Avenue.
- “ Otis and Murray Streets.
- “ Parsons and Washington Streets.
- 4 in. Silver Lake Manuf'g Co., Nevada Street (private).
- 6 in. Walker and Washington Streets.
- “ Walker, 475 ft. north of Washington Street.
- 12 in. Walnut Street, opposite High School.
- “ Walnut, 300 ft. north of Hull Street.
- “ Walnut and Washington Streets.
- “ Walnut, 540 ft. north of Washington Street.
- 6 in. Walnut, 330 ft. south of Crafts Street.
- 12 in. Washington, 375 ft. west of Walnut Street.
- “ Washington and Harvard Streets.
- “ Washington and Crafts Streets.
- 6 in. Washington Park, 500 ft. east of Walnut Street.
- “ Washington Park and Walnut Street.
- “ Washington Place, 400 ft. west of Walnut Street.
- 8 in. Watertown, 310 ft. west of Walnut Street.
- “ Watertown and Crafts Streets.

**Located in Ward Three.**

SIZE OF  
MAIN.

- 6 in. Alpine Street, 700 ft. east of Hillside Avenue.
- 12 in. Auburn and Washington Streets.
- “ Auburn and Crescent Streets.
- 6 in. Auburndale Avenue, 420 ft. west of River Street.
- “ Auburndale Avenue, 1540 ft. east of Rowe Street.
- “ Cherry and Washington Streets.

SIZE OF  
MAIN.

- 12 in. Chestnut, 300 ft. north of Otis Street.
- “ Chestnut and Washington Streets.
- 6 in. Crescent Street, 400 ft. north of Auburn Street.
- “ Cherry, bet. Webster and River Streets.
- 4 in. Davis, 100 ft. west of Chestnut Street.
- 6 in. Derby and Cherry Streets.
- “ Derby, 500 ft. west of Cherry Street.
- “ Eden, 300 ft. north of Watertown Street.
- “ Elm and Washington Streets.
- “ Fountain and Highland Streets.
- “ Forest Avenue, 500 ft. south of Otis Street.
- “ Henshaw, 500 ft. north of River Street.
- “ Highland, 450 ft. east of Fountain Street.
- “ Highland and Chestnut Streets.
- “ Highland, opposite Hunter Street.
- “ Highland and Washington Streets.
- “ Hillside Avenue and Chestnut Street.
- 12 in. Junction Washington, Watertown, and Chestnut  
Streets (four way).
- 6 in. Lander and Shaw Streets.
- “ Margin, opposite Putnam Street.
- “ Margin Street, rear B. & A. R. R.
- “ Mt. Vernon, 500 ft. east of Hillside Avenue.
- “ Mt. Vernon Street and Hillside Avenue.
- “ Mt. Vernon Street and Greenwood Avenue.
- “ Oak Avenue, 680 ft. north of Webster Street.
- “ Otis Street and Hillside Avenue.
- “ Otis Street, 500 ft. east of Hillside Avenue.
- “ Otis and Chestnut Streets.
- “ Perkins and Lander Streets.
- “ Perkins and Winthrop Streets.
- “ Prospect, 600 ft. north of Washington Street.



SIZE OF  
MAIN.

- 6 in. Prospect and Washington Streets.
- 8 in. River and Henshaw Streets.
- “ River and Elm Streets.
- “ River Street, opposite Franklin School.
- “ River and Pine Streets.
- 6 in. Temple and Highland Streets.
- “ Temple and Putnam Streets.
- “ Temple and Prospect Streets.
- “ Temple, 500 ft. west of Putnam Street.
- 8 in. Waltham and Washington Streets.
- 6 in. Waltham Street, opposite Eden Avenue.
- “ Waltham Street, 500 ft. north of Eden Avenue.
- “ Waltham and Derby Streets.
- “ Waltham and Pleasant Streets.
- “ Waltham and Crafts Streets.
- 12 in. Washington Street and Greenwood Avenue.
- “ Washington Street, 100 ft. east of Davis Court.
- “ Washington Street and Lucas Avenue.
- 6 in. Watertown, opposite Cross Street.
- “ Watertown Street, 260 ft. east of Davis Court.
- “ Webster and Waltham Streets.
- “ Webster and Cherry Streets.
- “ Webster and Elm Streets.
- “ Webster Street and Oak Avenue.
- “ Webster Street and Webster Park.
- “ Winthrop and Putnam Streets.
- “ Winthrop and Shaw Streets.



**Located in Ward Four.**

**SIZE OF  
MAIN.**

- 4 in. Alms house (private).
- 6 in. Ash and Melrose Streets.
- “ Ash and Seaverns Streets.
- “ Ash, 600 ft. north of Bourne Street.
- 12 in. Auburn and Greenough Streets.
- “ Auburn, 240 ft. west of Maple Street.
- 8 in. Auburn and Woodbine Streets.
- 6 in. Auburndale Avenue, 540 ft. west of Rowe Street.
- “ Auburndale Avenue, 900 ft. east of Rowe Street.
- “ Central and Maple Streets.
- “ Central, 340 ft. west of Fern Street.
- “ Central Street and Woodland Avenue.
- “ Central Street, 500 ft. east of Woodland Avenue.
- “ Grove and Central Streets.
- “ Grove, 500 ft. south of Central Street.
- “ Central, 935 ft. west of Fern Street.
- 8 in. Grove, 700 ft. south of Hancock Street.
- 6 in. Hancock and Central Streets.
- “ Hancock Street and Woodland Avenue.
- “ Hancock and Fern Streets.
- “ Hancock and Grove Streets.
- “ Hawthorn Avenue, 600 ft. south of Woodland Ave.
- “ Islington and Malvern Avenues.
- 8 in. Lexington and Auburn Streets.
- “ Lexington Street, opposite Auburndale Avenue.
- 6 in. Lexington and Staniford Streets.
- “ Lexington Street, 900 ft. north of Auburndale Ave.
- “ Melrose and Seaverns Streets.
- “ Melrose, 900 ft. north of Seaverns Street.
- “ Oakland Avenue, 430 ft. south of Auburn Street.
- “ Rowe and Auburn Streets.

**SIZE OF  
MAIN.**

- 6 in. Rowe Street and Railroad-crossing.
- “ Seaverns and Lexington Streets.
- “ Staniford, 350 ft. west of Lexington Street.
- “ Seminary, 700 ft. south of Woodland Avenue.
- “ Vista, 540 ft. south of Woodland Avenue.
- “ Walcott and Rowe Streets.
- “ Walcott, 600 ft. east of Lexington Street.
- 12 in. Washington Street, opposite Woodland Park Hotel.
- “ Washington, 100 ft. east of Fuller Street.
- “ Washington Street and Aspen Avenue.
- “ Washington and Greenough Streets.
- 6 in. Woodbine and Bourne Streets.
- 8 in. Woodland Avenue and Washington Street.
- “ Woodland Avenue and Maple Street.
- “ Woodland, opposite Seminary Avenue.
- “ Woodland Avenue and Grove Street.
- “ Woodland and Vista Avenues.

**Riverside.**

- 8 in. Auburn and Charles Streets.
- 6 in. Charles, 1000 ft. west of Auburn Street.
- “ Charles, 600 ft. west of Auburn Street.
- “ Evergreen Avenue, 600 ft. south of Auburn Street.
- “ Newland, 300 ft. south of Charles Street.

**Lower Falls.**

- 12 in. Beacon, 1180 ft. south of Washington Street.
- “ Beacon, 1500 ft. west of Almshouse.
- “ Beacon Street, opposite Almshouse.
- “ Beacon Street, 800 ft. east of Almshouse.
- 6 in. Concord Street, 300 north of Railroad-crossing.
- “ Concord, 900 ft. north of Washington Street.

**SIZE OF  
MAIN.**

- 8 in. Grove and Washington Streets.
- “ Grove, 500 ft. north of Washington Street.
- “ Grove, 1000 ft. north of Washington Street.
- “ Grove and Cornell Streets.
- “ Grove Street. and Pine Grove Avenue
- 6 in. Pine Grove Avenue, 700 ft. west of Grove Street.
- “ Wales Street and Needham line.
- 12 in. Washington, 1300 ft. east of Beacon Street.
- “ Washington, 700 ft. east of Beacon Street.
- “ Washington and Beacon Streets.
- 8 in. Washington, 300 ft. east of Wales Street.
- “ Washington and Wales Street.
- “ Washington Street, opposite No. 6 Hose.
- “ Washington and Hamilton Streets.
- “ Washington and Concord Streets.

**Located in Ward Five.**

- “ Boylston, 1260 ft. east of High Street.
- 6 in. Boylston, 500 ft. east of High Street.
- 8 in. Boylston and Chestnut Streets.
- 6 in. Boylston and Ellis Streets.
- 4 in. Chandler Street.
- “ Columbia Avenue and Cottage Street.
- 12 in. Chestnut and Summer Streets.
- “ Chestnut, 600 ft. south of Elliott Street.
- “ Chestnut Street and cotton-mill gate.
- 8 in. Elliott, 500 ft. east of Cottage Street.
- “ Elliott and Cottage Streets.
- “ Elliott and Oak Streets.
- 6 in. Elliott and Chestnut Streets.
- “ Elliott Street and Needham line.
- 8 in. Elliott and Linden Streets.

**SIZE OF  
MAIN.**

- 6 in. High and Boylston Streets.
- “ High and Winter Streets.
- “ High, 300 ft. south of Winter Street.
- “ Mechanic and Cheney Streets.
- 20 in. Needham and Oak Streets.
- 12 in. Oak and Chestnut Streets.
- 16 in. Oak, 400 ft. north of Needham Street.
- 12 in. Oak, 400 ft. south of Elliott Street.
- 6 in. Pettee Machine Co. (private).
- “ Pettee Street, opposite No. 7 Hose.
- 20 in. Pumping-station.
- 12 in. Woodward and Chestnut Streets.

**Highlands.**

- 12 in. Boylston and Centre Streets.
- “ Boylston and Hartford Streets.
- 6 in. Columbus and Lincoln Streets.
- “ Cook, opposite Winchester Street.
- 4 in. Erie Avenue and Bowdoin Street.
- 6 in. Floral Avenue and Walnut Street.
- 4 in. Forest and Bowdoin Streets.
- “ Forest and Columbus Streets.
- 6 in. Hartford Street and Erie Avenue.
- “ Hyde and Centre Streets.
- “ Lake Avenue and Walnut Street.
- “ Lake Avenue, 600 ft. east of Hyde Street.
- 8 in. Lincoln and Woodward Streets.
- 12 in. Walnut and Centre Streets.
- “ Walnut, 400 ft. north of Forest Street.
- 6 in. Floral Avenue and Hyde Street.
- 8 in. Woodward and Boylston Streets.
- 12 in. Walnut, 800 ft. south of Beacon Street.



## Located in Ward Six.

SIZE OF  
MAIN.

- 8 in. Beacon, 650 ft. east of Walnut Street.
- “ Beacon Street, 200 ft. east of Laurel Avenue.
- “ Beacon Street and Crescent Avenue.
- “ Beacon and Centre Streets.
- “ Beacon and Walnut Streets.
- “ Beacon Street, 490 ft. west of Grant Avenue.
- “ Beacon Street, 800 ft. east of Grant Avenue.
- 6 in. Bowen and Homer Streets.
- “ Cedar, 500 ft. north of Homer Street.
- “ Cedar, 300 ft. south of Mill Street.
- 20 in. Centre and Homer Streets.
- 16 in. Centre and Ward Streets.
- 12 in. Centre and Mill Streets.
- “ Centre, 300 ft. north of Cotton Street.
- “ Centre, 600 ft. south of Sargent Street.
- “ Centre and Sargent Streets.
- 6 in. Chase Street and Institution Avenue.
- “ Chase and Station Streets.
- “ Clark, 200 ft. south of Centre Street.
- “ Clark, 1,530 ft. south of Centre Street.
- “ Jackson and Parker Streets.
- “ Clinton Place, 300 ft. west of Centre Street.
- “ Crescent Avenue and Centre Street.
- “ Crescent and Norwood Avenues.
- “ Crystal Street and Lake Avenue.
- “ Crystal and Beacon Streets.
- “ Cypress and Paul Streets.
- “ Elgin Street, 400 ft. east of Glen Avenue.
- “ Elgin Street, 910 ft. east of Glen Avenue.
- “ Everett, 500 ft. east of Sumner Street.
- “ Glen Avenue and Elgin Streets.



SIZE OF  
MAIN.

- 8 in. Grafton and Centre Streets.
- “ Grafton and Homer Streets.
- 6 in. Homer, 1025 ft. east of Walnut Street.
- 6 in. Homer and Pleasant Streets.
- “ Homer and Walnut Streets.
- “ Homer, 150 ft. east of Cedar Street.
- “ Institution Avenue, 500 ft. south of Chase Street.
- “ Knowles and Station Streets.
- “ Lake Avenue and Laurel Street.
- “ Lake Avenue, 500 ft. east of Laurel Street.
- 4 in. Lyman, 300 ft. east of Centre Street.
- “ Marshall, 225 ft. east of Sumner Street.
- “ Park and Cotton Streets.
- “ Park, 400 ft. south of Sargent Street.
- “ Parker, 600 ft. south of Cypress Street.
- “ Parker, 1140 ft. south of Cypress Street.
- “ Pleasant Street, 500 ft. east of Crescent Avenue.
- 4 in. Pelham, between Crescent and Centre Streets.
- 8 in. Pleasant Street, 500 ft. north of Lake Avenue.
- 6 in. Pleasant and Crescent Streets.
- “ Rogers and Centre Streets.
- 8 in. Station, 200 ft. east of Centre Street.
- “ Station and Ripley Streets.
- “ Station and Beacon Streets.
- “ Station Street and Railway-crossing.
- 6 in. Sumner, 600 ft. north of Gibbs Street.
- “ Sumner and Gibbs Streets.
- 12 in. Walnut Street and cemetery gate.
- 20 in. Ward, 570 ft. east of Sumner Street.
- “ Ward Street and Grant Avenue.
- “ Ward Street, 480 ft. east of Waverly Avenue.
- 8 in. Ward Street, reservoir-yard.

SIZE OF  
MAIN.

- 8 in. Ward, 550 ft. west of South Street.
- 6 in. Warren Street, 500 ft. south of Glen Avenue.
- “ Warren Street and Glen Avenue.
- “ Willow and Centre Streets.

**Chestnut Hill.**

- 8 in. Beacon, 500 ft. west of Hammond Street.
- “ Hammond, 900 ft. south of Ward Street.
- “ Hammond and Beacon Streets.
- “ Hammond, 500 ft. south of Beacon Street.
- “ Hammond, 1100 ft. south of Beacon Street.
- “ Hammond, 400 ft. south of Ward Street.
- 8 in. Hammond, 200 ft. south of railroad-bridge.
- 6 in. Kingsbury Ave., 400 ft. west of Hammond Street.
- 8 in. Saltonstall Avenue (3).
- “ South, 800 ft. north of Hammond Street.

**Located in Ward Seven.**

- 6 in. Arlington and Marlboro Streets.
- “ Arlington Street and Waverly Avenue.
- “ Arlington and Pembroke Streets.
- “ Arlington and Belmont Streets.
- “ Brighton and Arlington Streets.
- “ Carleton and Centre Streets.
- 12 in. Centre and Mt. Ida Streets.
- 6 in. Channing and Washington Streets.
- “ Church Street, 125 ft. west of Waverly Avenue.
- “ Church and Centre Streets.
- “ Church and Eldredge Streets.
- “ Church and Park Streets.
- “ Durant Street and Waverly Avenue.
- “ Elmwood and Centre Street.

SIZE OF  
MAIN.

- 6 in. Elmwood and Brooks Streets.
- “ Eldredge and Vernon Streets.
- “ Franklin and Centre Streets.
- “ Franklin Street and Kenrick Park.
- “ Franklin, between Centre Street and Kenrick Park.
- “ Franklin Street and Waverly Avenue.
- “ Hunnewell Avenue and Copley Street.
- “ Hunnewell Park and Grasmere Street.
- “ Hunnewell Avenue, 200 ft. north Washington Street.
- “ Jefferson and William Streets.
- “ Jefferson and Centre Streets.
- “ Kenilworth and Ivanhoe Streets.
- “ Kenrick Street and Magnolia Avenue.
- “ Montrose and Ivanhoe Streets.
- “ Monument Avenue, 400 ft. east of Waverly Avenue.
- “ Nonantum and St. James Streets.
- “ Nonantum, 110 ft. north of Orchard Street.
- 8 in. Nonantum Square (four way).
- 6 in. Park and Vernon Streets.
- “ Park, 500 ft. south of Vernon Street.
- “ Park and Sargent Streets.
- “ Peabody and Washington Streets.
- 8 in. Pearl and Bacon Streets.
- “ Pearl and Channing Streets.
- 6 in. Pembroke, 100 ft. south of Durant Street.
- “ St. James Street and railroad-bridge.
- “ Sargent Street and Hyde Avenue.
- “ Sargent, between Park Street and Waverly Avenue.
- “ Tremont and Pembroke Streets.
- “ Tremont Street and Waverly Avenue.
- 8 in. Vernon and Centre Streets.
- “ Vernon and Baldwin Streets.

SIZE OF  
MAIN.

- 8 in. Vernon, between Park Street and Waverly Avenue.
- “ Washington and Nonantum Streets.
- “ Washington and Park Streets.
- “ Washington, 190 ft. east of St. James Street.
- 6 in. Washington Street and city of Boston line.
- “ Washington Street, 400 ft. east of Waverly Avenue.
- 12 in. Waverly Avenue and Kenrick Street.
- “ Waverly Avenue and Kenilworth Street.
- “ Waverly Avenue and Cotton Street.





# RULES AND REGULATIONS

## FOR THE GOVERNMENT OF THE

### NEWTON FIRE DEPARTMENT.

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#### **Chief of Department.**

The Chief of Department shall have the sole and absolute command at fires and alarms of fires over all members of the department and of all other persons present at fires, and of all apparatus and appurtenances belonging to the department, and direct all measures he may deem proper for the extinguishment of fires. He shall devote his whole time to the performance of the duties of his office. He shall visit the engine, hose, and truck stations daily, if possible (Sundays excepted), and report to the Fire Committee or Board of Aldermen such suggestions or recommendations as he may deem necessary. He may, from time to time, issue such orders for the government of the members as he may deem necessary, subject to the approval of the Mayor and Aldermen.

He shall have power to suspend any officer or member of the department for insubordination, disorderly conduct, or neglect of duty, said suspension to continue, pending the action of the Mayor and Aldermen.

**Assistant Chief.**

In the absence of the Chief of Department the Assistant Chief shall have the same authority, and exercise the same powers, as the Chief of Department. On arrival at fires he shall report to the officer in command, and when on duty wear his fire-hat. He shall report to the nearest engine-station for all alarms from boxes which he does not respond to on first call, remaining thirty minutes, unless sooner dismissed.

He shall have, under the direction of the Chief of Department, general supervision and management of all the telegraph apparatus belonging to the department, and every thing pertaining to the same. He shall keep the same at all times in perfect working-order, and repair all breaks in the most expeditious manner, reporting to the Chief of Department for all necessary supplies, and such improvements as he may think advisable. When additional help is necessary, he will make application to the Chief of Department, and, when in the immediate vicinity of the department houses, he may obtain the assistance of the regular members, by direction of the Chief of Department. He shall give necessary instructions to persons in the department and to key-holders. He shall devote his whole time to the duties of the position.

**Engineers.**

The engineers shall have full control of the engine, bunk, and meeting-rooms and basements, and shall report to the Chief of Department at once the name of any member of the department, or other person, guilty of any disorderly conduct, or violation of the Rules and Regulations ; also any damage which their apparatus, or any part of it, their houses, or furniture, may have sustained. They shall keep an

account of all supplies that come to the station, and promptly report when materials are required for use; keep their engines at all times in condition for immediate service. Delays or accidents resulting from neglect will be sufficient cause for suspension or discharge. They shall instruct their stokers in the management of the engines. The use of all patent preparations for cleaning the metals is strictly prohibited. All material for polishing will be furnished from headquarters. Keep the safety-valve set at eighty pounds, and run the engines according to the line of hose: a hundred pounds will be carried only when working through an extra long line, or two lines of, say five hundred feet each. Water-pressure will never exceed a hundred pounds, except on special order from the Chief or Assistant Chief of Department.

The following whistle-signals will be made use of in this department until further orders:—

One whistle, signals pipemen to look out for water.

Two whistles, signal for burst hose.

Three whistles, signal for coal.

Two short and one long whistle, signal, "Make up."

Engineers will be on duty at all times. No member shall shut off the water, or in any manner move the machinery attached to the engine, except at request of the engineer.

When the services of the engine are not required, draw the fire, always leaving sufficient quantity for rekindling in case of another alarm while returning. All fuel partially consumed shall be preserved, and not be left burning in the streets.

### Drivers.

Drivers permanently employed shall be on duty at all times. They shall be held personally responsible for their stables and for the care and management of their horses. They must not drive them faster than is consistent with the safety of the public and of the apparatus of the department. They will be held responsible for any damage caused by them, or carelessness displayed in conveying their apparatus to or from fires. Racing to or from fires will not be allowed under any circumstances. If the apparatus of two or more companies shall proceed to or from a fire on the same street they shall do so in single file. Returning from fires, they shall drive at a moderate rate of speed. On arriving at fires, the horses shall be blanketed, and kept moving, if possible, and upon returning to the house, if wet by perspiration, they must be immediately rubbed dry. These instructions will also apply to drivers of hose-carriages and tenders.

### Exercise Hours.

The horses used exclusively by this department will be exercised daily, in accordance with the following order:—

IN BOARD OF ALDERMEN,  
April 21, 1884.

*Ordered:*

“That on and after May 1, 1884, the several horses permanently employed in the Fire Department, shall be exercised daily (Sundays excepted), and in the following streets, except when otherwise ordered by the Chief of Department:—

No. 1 Engine—Washington to Church, to Eldredge, to Vernon, to Park Streets.

No. 2 Engine—Washington to Elm, to Webster, to Waltham, to Chestnut, to Margin Streets.

No. 3 Engine—Willow to Beacon, to Crescent Avenue, to Pleasant to Centre, to Willow Streets.

|             |  |
|-------------|--|
| No. 1 Truck | } Washington, Parsons to Central Avenue. |
| No. 4 Hose  |  |



Exercise hours to be regulated by the Chief of Department, and not to exceed one hour, nor less than one-half hour. The rules governing inclement weather and holidays will remain in force. Any employee failing to conform to the above order, shall be subject to suspension."

H. L. BIXBY,  
*Chief of Department.*

I. F. KINGSBURY,  
*Clerk.*

When the horses have performed no duty within the twenty-four hours next preceding. The horses will not be exercised on public holidays, and never speed them faster than a slow trot.

**"Right of Way When Proceeding to Fires" as Accorded by Law.**  
[Chap. 37, Acts 1874.]

*An Act to punish the Wilful Obstruction of Fire-Engines, etc.*

Whoever wilfully and maliciously obstructs, or retards, the passage of any engine, or other apparatus of any fire-department, while going to a fire, through any street, lane, alley, or other way, shall be punished by imprisonment in the House of Correction not exceeding three months, or by a fine not exceeding fifty dollars. [ *Approved Feb. 28, 1874.* ]

All drivers of this department will govern themselves by the above law, and use the utmost discretion at all times to avoid accidents. Hose-carriages, in response to alarms of fire, will follow the engines to which they belong. Call-drivers of hose-carriages will be required to sleep in their respective stations.

While the horses are being groomed, but one harness will be removed at a time.



**Stokers.**

The stokers shall respond promptly to all alarms, and, when in quarters, they will assist in hitching up. When on duty at fires, they shall be under the direction of their respective engineers, who shall require their whole and undivided attention. On return from fires, they shall remain on duty until relieved by their engineers. They will be required to sleep in their respective stations.

**Foremen.**

It shall be the duty of the foremen of all companies where permanent men are not employed to see that the apparatus committed to their care, and the several stations in which the same are deposited, and all things in or belonging to the same, are kept neat and clean, and in order for immediate use; to see that the snow is cleared from the sidewalks and driveways connected with the stations under their charge.

**Fines.**

Foremen of companies will see that the following fines for non-attendance are rigidly enforced:—

|   |           |        |
|---|-----------|--------|
| For absence from fires and alarms             | . . . . . | \$1 00 |
| For absence from regular and special meetings | . . . . . | 50     |

**Assistant Foremen.**

The assistant foreman shall, in the absence of the foreman, perform all the duties, and exercise the same authority as the foreman.

**Members.**

The members of the several companies shall, upon an alarm of fire from the section of the city to which they are assigned for duty, proceed promptly to the place of the fire in an orderly manner, report to the foreman, and perform any duty that may be required of them. They shall remain on duty until relieved by orders, which shall be given only by the officer in command. If the company to which they are attached does not respond to the alarm on first call, they shall proceed to their engine, hose, or truck stations, and remain thirty minutes, unless called into service, or relieved by dismissal. No member shall be absent from duty for a longer period than one month, except in case of sickness, or by special permission of the Chief of Department. No person whose occupation requires his daily absence from the city will be eligible to membership in this department. Any officer or member of this department who shall remove from the city shall thereupon cease to be a member; and all members of the department will be required to live within a reasonable distance of their respective stations.

**Substitutes.**

Each company may have two substitutes to take the places of call-members absent from the city, or disabled by sickness. They shall be approved by the Chief of Department, and shall, if for services rendered for a period of fifteen days or more, receive the same compensation as their principals, to be deducted from their principals' pay. Any substitute serving for a less time than fifteen days shall be paid the amount of fines imposed on his principal for non-attendance at fires or alarms. Any member failing to pay his substitute on the following pay-day shall be subject to dismissal. No substitute can be assigned to duty in place of his principal during the time of a fire or an alarm of fire.

**Bunkers.**

Call-men to whom beds are assigned will be required to retire at or before 11 P.M., unless excused by the engineer, or person in charge of the station, and will not be allowed to use or occupy the same during the day, unless deprived of their usual rest by the performance of active fire duty, or in case of sickness sufficient to require the use of the same. No visitors will be allowed in the bunk-rooms after hours, or at any other time while the beds are occupied. It shall be the duty of the engineer to immediately report to the Chief of Department any misconduct or violations of the rules on the part of persons occupying said beds. The occupant of each bed will be held responsible for the cleanliness of the same, and for any damage to either bed or bedding through carelessness. All members occupying sleeping-quarters in the engine, hose, and truck stations, shall vacate their beds, from May 1 to Oct. 1, at 6.30 A.M., and from Oct. 1 to May 1, at 7 A.M.

**Horses and Feeding.**

The system of feeding shall be as follows, particular care being exercised not to feed or water the horses while too warm:—

Four quarts of oats morning and night; this, with about eight or ten pounds of hay after bedding the horses, will constitute the daily allowance for each horse, and must not be exceeded. But, when it shall be ascertained that a less allowance is sufficient, the drivers will exercise discretion as to the quantity. The stalls to be cleaned early in the morning, after breakfast the horses groomed, and the harnesses cleaned. Horses sick or disabled will be immediately reported to the Chief of Department. No alteration or changes in harness will be permitted, except upon authority

of the Chief of Department. When horses are in the shop for shoeing, the drivers shall remain with them, and shall report to the Chief of Department any unnecessary delay, or any work improperly executed, and will allow but one shoe to be removed at a time.

#### **Badges.**

All members of the Department shall be provided with a badge, to be known as the Regulation Badge of the Department, which shall be worn in a conspicuous place during the time they are on duty; and no member shall lend his badge on any pretext whatever. Any member losing his badge shall immediately notify the Chief of Department, and use all diligence to recover the same. He shall be required to pay for the same before another badge will be provided, the money so paid to be refunded, should the badge be found. These badges shall at all times remain the property of the city. Any member loaning his badge to any person not connected with the Department shall be subject to dismissal. No person will be recognized as a member of this department, unless wearing his badge.

#### **Roll-Call.**

Upon returning from a fire, or an alarm of fire, the Assistant Foreman, or, in his absence, the Foreman, shall call the roll, and report to the Chief of Department any member absent and the excuse for the same; and in no case shall the permanent members act as substitutes for the call-members, or answer for them at roll-call.

#### **Leave of Absence.**

No permanent member shall leave the city, or be granted leave of absence, without notifying the Chief of Department, and procure a substitute to his acceptance; and the



substitute shall be on duty before the applicant leaves his post, and the pay of the substitute may be deducted from the pay of the principal. Any member of the call-force expecting to be absent from the city shall notify the Foreman of his company, and procure a substitute to his satisfaction. Whenever leave of absence is granted to bunkers, they shall report the same to the person in charge of their station, and shall in like manner report their return.

#### **Supplies.**

No member of the department will be allowed to make any purchases for the department, chargeable to the city, except by order of the Chairman of Fire Committee or Chief of Department.

#### **Meals.**

For permanent members three hours daily will be allowed for meals, and will be so arranged that there shall be at all times one member on duty.

#### **Duties at Fires.**

At all fires, the first officer arriving shall, in the absence of the Chief or Assistant Chief, and until his arrival, act as Chief of Department, and be obeyed and respected accordingly. The men are required to move quickly, and obey orders promptly and without criticism. The officers in charge of the several companies shall, immediately on their arrival at a fire, report to the officer in command, and remain for orders. No company shall leave the fire-grounds, or take the apparatus of which they have charge therefrom, without the order or permission of the officer in command. Any neglect of duty, disobedience of orders, or disrespect to officers, shall be reported to the Chief of Department. No member shall wilfully or maliciously direct a stream of water











upon any fireman or citizen. All disputes which may arise between companies or individual firemen when on duty shall be settled by the engineer in command. Members of companies that are not in service at fires will not enter the buildings unless ordered, but remain convenient to the fire, equipped, and ready for orders.

#### **Going to or from Fires.**

Order and decorum will be preserved when going to or from a fire or an alarm. To guard against collision and accident when proceeding to fires, the gongs will be struck when approaching street-crossings, turning corners, and approaching the fire-grounds.

#### **Riding to Fires.**

All drivers will be held responsible for any unnecessary overloading, and will in all cases judge of the ability of the horses, the condition of the streets, and the distance to travel. The men will mount and dismount as ordered by them. Officers will avail themselves of any opportunity to ride to fires (excepting on engines), to the exclusion, if necessary, of the men.

#### **Fire-Grounds.**

All engine and hose companies responding to second or general alarms will connect, but will not lay their lines until they have reported to the officer in command at the fire for orders.

#### **Stations.**

Stations of the department shall be open from ten A.M. until ten P.M. for visitors, and at any other time for inspection by members of the City Government. On the Sabbath



all stations must be closed, and it is made the duty of the engineer or person in charge to see that order and quiet are preserved. All work other than that absolutely necessary will be omitted for the day. The permanent members of each station shall once in each week scrub the floors of their respective stations, and at all times keep them neat and clean. The members in charge of the several stations shall personally attend to the receiving of visitors, whether members of the City Government, officers of the department, or citizens. Citizens visiting the stations shall be courteously treated, have reasonable questions answered, and any proper information given. All members detailed to sleep in the stations must be in their quarters at the time stated for closing the station, unless otherwise excused, and all other persons must leave at that time.

#### **Drill.**

Until further notice the truck company will drill once each month, from May 1 to Oct. 1, and all other companies at such times as may be ordered by the Chief of Department.

#### **Conduct.**

All members of the department are strictly required in their intercourse with each other, social or official, to observe a courteous demeanor, and officers or men in addressing each other will do so in a respectful manner. While on duty at fires, the greatest degree of silence compatible with a proper discharge of duty will be required. No profane or ungentlemanly language, or disorderly conduct, will be allowed on the part of any officer or member of the department when on duty.

No spirituous or malt liquors will be allowed in any station of the department, or at any fire. If any member

shall enter any station of the department intoxicated, or become intoxicated at a fire, he shall be subject to dismissal.

No gambling of any kind will be allowed in any station of the department.

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## GENERAL RULES.

### Rule 1.

No driver of engine, hose, hook-and-ladder truck, or other vehicle, shall drive over any line of hose if it can be avoided.

### Rule 2.

No company will be allowed to take its apparatus from their quarters, except in case of fire, without consent of the Chief of Department.

### Rule 3.

The hose must be changed on reels once in four weeks unless otherwise ordered by the Chief of Department, for which purpose the foreman will warn the members of his company detailed for this purpose; and any member absent, unless excused, will be fined the same amount as for absence from fires.

### Rule 4.

Any member permanently employed who refuses or neglects to pay any just debt contracted during his connection with the department, it shall be deemed sufficient cause for suspension or discharge.

**Rule 5.**

No permanent officer or member of the department shall attend a caucus or political convention as a delegate, distribute tickets at any election, or take any part whatever in political matters other than to exercise a right of suffrage.

**Rule 6.**

All members of the department will be required to address officers by their respective titles when on duty.

**Rule 7.**

When any member shall leave the department, he shall thereupon return his badge, key, and copy of Rules and Regulations, in good condition, to the foreman of his company, who shall immediately notify the Chief of Department; and any member failing so to do shall have the amount deducted from his pay.

**Rule 8.**

No balls, parties, or social gatherings of any description shall be held in any building in charge of the department, except on permission from the Chief of Department.

**Rule 9.**

No property belonging to the city will be loaned, for any purpose whatever, except upon written order of the Chief of Department.

**Rule 10.**

No hoseman or truckman at call shall be entitled to pay for less than fifteen days' service. All appointments shall, as far as practicable, be made to date from the first or fifteenth day of each month.

**Rule 11.**

In the use of hydrants, all members of the department are instructed to use great care in the opening and closing of the same, and to see that each cap is properly adjusted before leaving. The first company connecting to a hydrant in case of fire will leave one member in charge of the same; should a second company or line desire connection, it will not be made until the line is complete to the fire, and orders given for water. Exceptions to this are ordered for engines, which will be given immediate connection (if ordered into service), and the hydrant left in charge of the engineer.

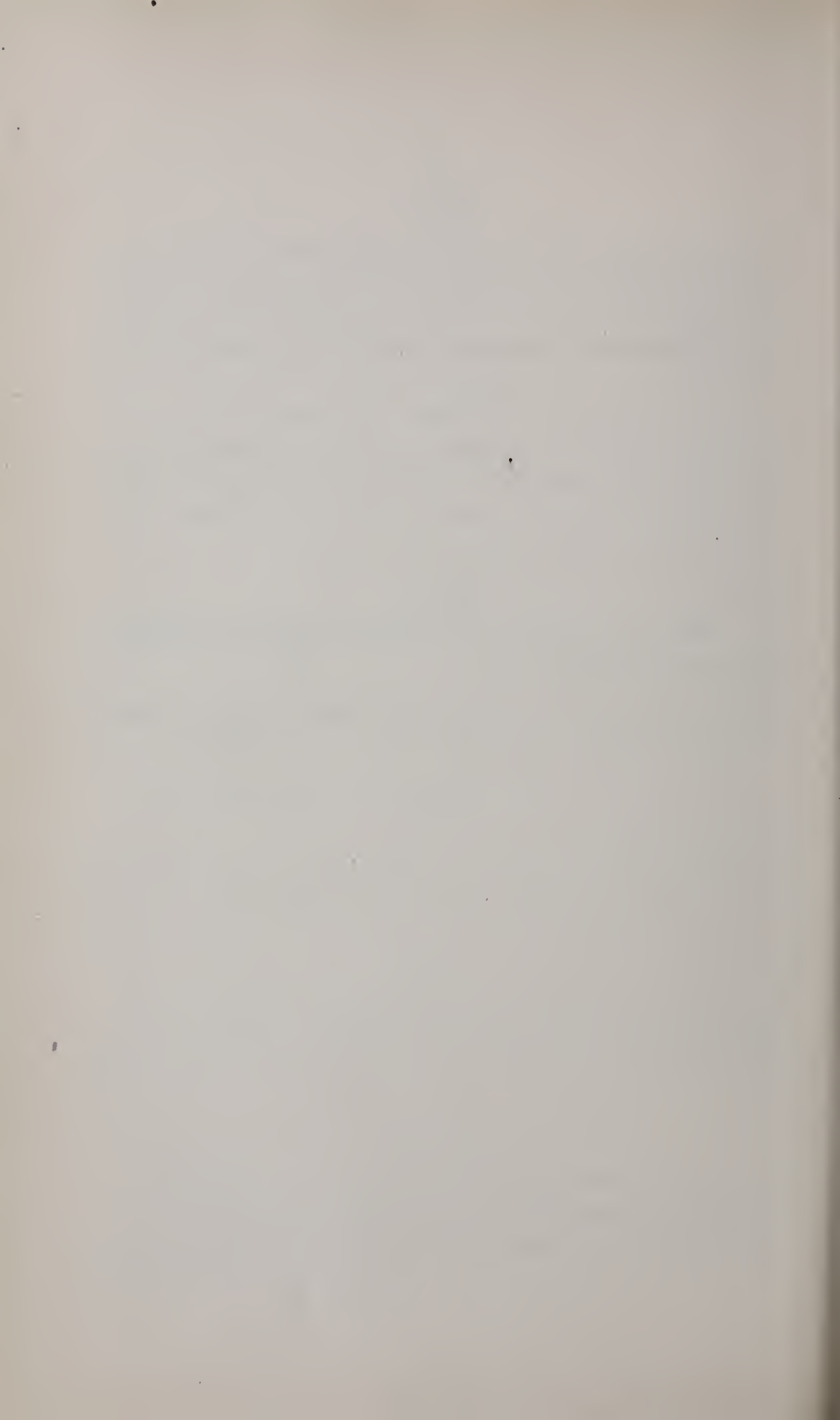
**Rule 12.**

Officers of companies, hosemen, and ladder men will wear their fire-hats when on duty.

*Approved by the Board of Mayor and Aldermen, April 19, 1880.*

Attest: EDWIN O. CHILDS, *Clerk.*

H. L. BIXBY, *Chief Fire Department.*





## ORDINANCES RELATING TO FIRE DEPARTMENT.

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### ORDINANCE XIII.

#### Fire Department.

SECTION 1. A fire department is hereby established.

Department  
established.  
Charter, § 7.

There shall be a Chief of Fire Department, an Assistant Chief who shall be operator of the fire-alarm under the direction of the Superintendent telegraph, three steam fire-engine companies, four hose companies, and one truck company.

Each steam fire-engine company shall consist of eleven men; to wit, a foreman, an assistant foreman, (who shall also be clerk), an engineman, a driver, a fireman, and six hosemen.

Number of  
men and  
officers.

Each hose company shall consist of six men; to wit, a foreman, an assistant foreman (who shall also be clerk), and four hosemen.

Each truck company shall consist of thirteen men; to wit, a foreman, an assistant foreman (who shall also be clerk), a driver, and ten truckmen.

SECT. 2. The Chief of Department shall be responsible for the discipline, good order, and proper conduct of the officers and men consti-

Chief  
Duties

tuting the department, and for the good condition of all houses, reservoirs, hydrants, wells, engines, hose, hose-carriages, hooks and ladders, trucks, and all apparatus and furniture thereto belonging, and connected with the department. He may suspend any officer or member, and shall forthwith refer his case to the Board of Aldermen for its action. He shall have the superintendence, and, under the direction of the joint standing committee on the fire department, the control, of the engine and other houses used by the department, of the furniture therein, and of the engines and apparatus, as well as of all other property appertaining to the department.

May suspend.

Superintendence and control of houses and apparatus.

Sole command of members.

SECT. 3. The Chief of Department, or, in his absence, the Assistant Chief, shall have sole and absolute control and command of all the other members of the department and of other persons present at fires.<sup>1</sup> The officer in command of the

Fire-wards, etc., may order buildings to be pulled down.

<sup>1</sup> PUBLIC STATUTES.—SECT. 3. The fire-wards, or any three of them, present at a place in immediate danger from a fire, or, where no fire-wards are appointed, the selectmen, or mayor and aldermen present, or, in their absence, two or more of the civil officers present, or, in their absence, two or more of the chief military officers of the place present, may direct any house or building to be pulled down or demolished, when they judge the same to be necessary in order to prevent the spreading of the fire.

Engineer to have power of fire-wards under Sect. 3.

SECT. 4. In cities and towns, which by vote of the City Council, or of the legal voters respectively, have accepted the provisions of this section, or of chapter two hundred and one of the statutes of the year eighteen hundred and seventy-three, the engineer of a fire department in command at a fire shall, to the exclusion of all other persons, have the power conferred by the preceding section.

Acceptance.

[Stat. 1873, chap. 201. Accepted Feb. 12, 1877.]

company which first arrives at a fire shall be the officer in command until the Chief of Department or the Assistant Chief arrives.

SECT. 4. The Chief of Department shall keep rolls of the companies, specifying the name, age, occupation, and residence, and the date of the admission and discharge, of each member of the department; and he shall keep an accurate account of all property belonging to it. Rolls.

He shall, at the close of each three months, and oftener if required, make to the City Council a detailed report of the condition of the fire department, of losses and accidents by fire, with the causes thereof as well as they can be ascertained, and of the description of the buildings and other property destroyed or injured, the amount of insurance, and the names of the owners. Reports of  
fires, etc.

SECT. 5. The foremen shall preserve order and discipline in their respective companies, and shall promptly report in writing the name of any member guilty of misconduct to the Chief of Department, who shall, if he thinks it proper, report thereon to the Mayor and Aldermen. Foremen.

The foremen shall cause to be kept by the respective clerks rolls of the companies, specifying the time of admission and discharge of each member, together with the age, residence, and occupation of each member, and a record of all the city's property intrusted to their care. Their rolls and record-books shall at all times be subject to the inspection of the Chief of Department; and they shall furnish him with copies or abstracts thereof at his request. Rolls.

Care of apparatus, etc.

SECT. 6. It shall be the duty of the men permanently employed in the department to keep the apparatus committed to their care, and the several buildings in which the same is deposited, and all things intrusted to their care, clean, and in order for immediate use, and to wash and dry the hose of the entire department when required so to do; and they shall clear the snow from the sidewalks and driveways connected with the houses under their charge.

Companies not to leave city, except.

SECT. 7. No company shall leave the city in case of a fire in another city or town, except by order of the Chief or Assistant Chief of Department.

Members not to be transferred, except.

SECT. 8. No member shall be transferred from one company to another, except by order of the Chief of Department.

Badge.

SECT. 9. Every member of the department shall wear at every fire such a badge as the Chief of Department shall prescribe; and no person without such badge shall, except by permission of the officer in command, enter within lines formed at a fire by such officer.

Shavings and other combustible material. Pub. Stats., chap. 104, §§ 1-12.

SECT. 10. The Chief of department shall examine all places where shavings or other combustible materials are deposited or collected; and shall see to the removal of the same, whenever, in his opinion, the same are dangerous; and shall direct the owners, tenants, or occupants of such places to remove the same, which they shall do forthwith; and, in case of refusal or neglect, he shall cause the same to be removed at the expense of such owners, tenants, or occupants.



SECT. 11. The Chief of Department shall observe all buildings in which steam-engines are used, and all buildings in process of erection or alteration, and make a record of such of them as in his judgment may be dangerous, and report thereon to the Mayor and Aldermen forthwith. Whenever, in the opinion of the Chief of Department, any camphene or other explosive or inflammable fluid or material should be removed, he shall forthwith notify and direct the owner, tenant, or occupant of the premises upon which the same are situated, to remove the same, which he shall forthwith do. In case such tenant, owner, or occupant shall refuse or neglect so to do, the Chief of Department shall cause the same to be removed at the expense of such owner, tenant, or occupant. No person shall obstruct the Chief of Department in carrying out the provisions of this section.

Inspection of  
buildings by  
Chief.

Steam-  
engines.

Camphene,  
etc.

SECT. 12. The Chief of Department shall, on the last day of each month, prepare a pay-roll of all persons regularly employed in the department, and present it to the committee on the fire department, for their action. On the last day of June and of December in each year, the clerk of each company shall make a roll, bearing the full name, age, occupation, and residence of every member of the company, specifying also the number of times the company has been called out, and the attendance of each member, to which shall be appended the following certificate:—

Chief to pre-  
pare pay-roll.

“We the undersigned do hereby certify, that, according to the best of our knowledge and belief, the



foregoing persons are members of — company, and that said company had consisted of — members during the last six months; that during that time they have performed all the duties incumbent upon them as firemen, have been present at every turn-out of the company, or been duly excused, and that they are entitled to all the privileges and pay of firemen.”

Certificate of  
pay-roll.

The certificate shall be signed by the foreman and clerk, and shall be delivered to the Chief of Department.

The Chief of Department shall examine these rolls, and, if they are found correct, shall approve them, and present them, with the pay-rolls of the several companies, to the committee on the fire department, for their action.

Fire-alarm  
telegraph.

SECT. 13. The Chief of Department shall have the care and management of the rooms, apparatus, and machinery connected with the fire-alarm telegraph, and shall determine to whom shall be intrusted the keys of the signal boxes. He shall prepare rules and directions for giving alarms of fire through the telegraph.

Keys.

Signal-boxes.

SECT. 14. No unauthorized person shall open any of the signal boxes, except in case of fire, or interfere with the wires, or the poles, or other supports of the wires.

False alarms.

SECT. 15. The Chief of Department shall see that every person raising a false alarm of fire is prosecuted.

Gambling.

SECT. 16. No gambling shall be allowed in any building occupied by the fire department, nor shall spirituous liquors be kept or used there.

Water from  
hydrants, etc.

SECT. 17. No person shall draw water from the reservoirs or fire-hydrants, except in case of

fire, and except as otherwise provided ;<sup>1</sup> nor shall any engine, hose, or truck, be taken out of the city, without permission of the Chief or Assistant Chief. No part of the apparatus shall be taken from the city, unless to a fire, without special permission from the Mayor and Aldermen.

SECT. 18. No occupant of any building or room in which there is a hatchway or trap-door shall suffer the same to be left open at night.

SECT. 19. Any member of the department injured or disabled while on actual duty, shall receive pay for the time lost in consequence, not exceeding three months.

Disabled  
members.

SECT. 20. No person shall wantonly or carelessly set fire to any tree, bush, grass, leaves, brush-wood, rubbish, or other substance in any place in the city of Newton.

Setting fires  
wantonly to  
trees, etc.

SECT. 21. Whoever shall violate any provision of this ordinance shall forfeit a sum not exceeding twenty dollars.

Penalty.

<sup>1</sup> Ordinance XV. § 19.

## ORDINANCE XXIV.

### Buildings.

SECTION 1. No person shall erect, alter or rebuild, or essentially change, any building or any part thereof, for any purpose other than a dwelling-house, without first obtaining in writing a permit from the Board of Aldermen. The application for such permit shall specify the location and size of said building, the material of which it is to be constructed, and the use for which it is intended.

Permit.

SECT. 2. No person shall use any building, or part thereof, for any purpose rendering said building, or buildings adjacent thereto, hazardous, unsafe, or liable to be destroyed by fire, or dangerous to persons or property, without first obtaining a permit as named in section one.

Chimneys and  
brick flues.

SECT. 3. All chimneys hereafter erected shall be built of brick, stone, or other fire-proof, non-conducting material. All brick flues shall be smoothly plastered inside with mortar from top to bottom, and outside below the roofing. In no case shall chimneys rest upon any flooring without a footing of masonry or iron, supported by iron beams, having a secure bearing on iron at either end.

Hearths and  
grates.

Hearths of fireplaces or grates shall be laid upon brick or other trimmer arches, or upon bars of iron supporting a bed of brick-work.

Wood-work.

No wood-work of any kind shall be placed at a less distance than one inch from the outside brick-work of any flue, and in no case shall a nail be driven into the masonry of any flue.

No wood-work shall be placed at a less distance than one inch from any tin or other metal flue or flues, pipe or pipes, used or intended to be used to convey heated air or steam in any building, unless such flues or pipes be cased with metal, leaving a free circulation of air all around the same.

Smoke-pipe.

No smoke-pipe shall pass through any stud or wooden partitions, whether plastered or not, without being guarded either by a double collar of metal with at least four inches' air-space and

holes for ventilation, or by a soapstone ring not less than three inches in thickness, and extending through the partition.

SECT. 4. Whoever violates any provision of the preceding sections of this ordinance shall be liable to a fine not exceeding one hundred dollars.

## ORDINANCE XXII.

### Gunpowder and Other Explosive Compounds.

SECTION 1. No person shall keep or deposit any gunpowder within the city, unless it is well secured in tight casks or canisters.

Pub. Stats.,  
chap. 102, § 56.

No person shall keep or deposit more than fifty pounds of gunpowder in any shop, store, or other building which is within the distance of twenty-five rods from any other building or wharf; no person shall keep or deposit more than twenty-five pounds of gunpowder in any shop, store, or other building which is within the distance of ten rods from any other building; and no person shall keep or deposit more than one pound of gunpowder in any shop, store, or other building which is within ten rods of any other building, unless it is well secured in copper, tin or brass canisters, holding not exceeding five pounds each, and closely covered with copper, brass, or tin covers.

No person to  
keep or de-  
posit gunpow-  
der, unless,  
etc.

Limit of  
amount.

SECT. 2. Licenses may be granted by the Mayor and Aldermen, for the retailing of gunpowder, in form substantially as follows; to wit: —

Licenses.



*Gunpowder License No.*LICENSE TO SELL GUNPOWDER IN THE CITY  
OF NEWTON.

This certifies that \_\_\_\_\_ of Newton is (or are) hereby licensed and authorized to sell gunpowder at retail, at \_\_\_\_\_ on \_\_\_\_\_ Street, being \_\_\_\_\_ place of business in said city, for one year from the date hereof, at noon, provided \_\_\_\_\_ shall duly conform to the laws and to the provisions of the ordinance printed hereon. And in case the said \_\_\_\_\_ shall at any time during the term aforesaid infringe the laws, or any of the provisions of the said ordinance, then this license shall be void.

Dated at Newton this \_\_\_\_\_ day of \_\_\_\_\_ in the year of our Lord, one thousand eight hundred and \_\_\_\_\_.

Sales without  
license pro-  
hibited.

No person shall sell any gunpowder within the city without such license. Every such license shall be in force one year from the date thereof, provided that any such license may be rescinded by the Mayor and Aldermen, at their discretion.

License may  
be rescinded.

Sign.

SECT. 3. Every person so licensed shall keep a sign over the outside of the principal entrance from the street, of the building in which powder is kept, on which shall be printed in capitals the words, "Licensed to keep and sell gunpowder."

City Clerk to  
keep record  
of licenses,  
etc. Place  
not to be  
changed, etc.

SECT. 4. The City Clerk shall keep a record of all such licenses, and of the places designated therein ; which places shall not be changed, unless by consent of the Mayor and Aldermen, in writing. Every person who receives a license shall sign his name to a copy of the rules prescribed in this ordinance, as evidence of his assent thereto.

Exceptions.

Keeping in  
magazines.

SECT. 5. The provisions of this ordinance shall not apply or extend to the keeping or storing of metallic cartridges in fire-proof magazines, nor to cartridge-manufacturers, so long as they shall



keep their powder in canisters, as prescribed in Sect. 4, and in fire-proof magazines, located and built to the satisfaction of the Mayor and Aldermen, and so long as such manufacturers allow no more than one hundred pounds of gunpowder in any magazine, or five pounds of gunpowder not made into cartridges, to be in any one workshop at any one time.

SECT. 6. No person, except on military duty in the public service of the United States or of this Commonwealth, shall keep, have, or possess, in any building, place, vehicle, ship, or other vessel within one rod of a dwelling-house, any explosive compound other than gunpowder, in quantity exceeding one-fifth of a pound.

Pub. Stats.,  
chap. 102,  
§§ 59, etc.

SECT. 7. The Mayor and Aldermen may license any suitable person to keep, store, and sell such compound, in accordance with the foregoing provisions.

Licenses.

SECT. 8. Any member of the police or of the Fire Department may enter the building or premises of any person so licensed, to make the examination provided by law, at his discretion, and on alarm of fire may cause such compound there deposited to be removed or destroyed, as the case may require.

SECT. 9. Whoever violates any provision of this ordinance shall be liable to a fine not exceeding twenty dollars.

Penalty.

# STATISTICS OF FIRE DEPARTMENT,

*From January 1, 1874, to December 31, 1884.*

| YEAR. | ALARMS. | MEMBERS. | LOSS.       | INSURANCE PAID. | TOTAL INSURANCE. | APPROPRIATION. | VALUE OF REAL ESTATE AT RISK. |
|-------|---------|----------|-------------|-----------------|------------------|----------------|-------------------------------|
| 1874. | 31      | 151      | \$88,300.00 | Not Given.      | \$55,000.00      | \$38,916.32    | Not Given.                    |
| 1875. | 54      | 171      | Not Given.  | Not Given.      | Not Given.       | 25,500.00      | Not Given.                    |
| 1876. | 61      | 171      | \$54,430.00 | Not Given.      | \$40,400.00      | 25,000.00      | Not Given.                    |
| 1877. | 29      | 130      | 18,390.00   | \$13,315.00     | 87,650.00        | 33,000.00      | Not Given.                    |
| 1878. | 47      | 80       | 23,665.00   | 23,035.00       | 60,435.00        | 23,000.00      | Not Given.                    |
| 1879. | 52      | 86       | 16,018.10   | 14,473.10       | 72,850.00        | 22,000.00      | Not Given.                    |
| 1880. | 39      | 79       | 16,380.00   | 13,247.00       | 43,350.00        | 21,990.00      | Not Given.                    |
| 1881. | 79      | 78       | 15,561.26   | 11,088.26       | 39,500.00        | 23,175.00      | \$75,850.00                   |
| 1882. | 59      | 78       | 20,159.10   | 15,429.10       | 203,350.00       | 23,073.00      | 185,925.00                    |
| 1883. | 101     | 78       | 7,066.60    | 4,878.60        | 180,683.00       | 24,097.51      | 204,690.00                    |
| 1884. | 51      | 73       | 35,441.70   | 32,651.70       | 176,450.00       | 24,000.00      | 124,460.00                    |

## STATISTICS OF THE NEWTON FIRE DEPARTMENT.

*From January 1, 1884 to December 31, 1884.*

[illegible]



CITY OF NEWTON.

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# ANNUAL REPORT

OF THE

# CITY ENGINEER,

FOR THE YEAR 1884.



NEWTON:  
PRESS OF THE NEWTON JOURNAL.  
1885.















## OFFICERS OF CONTROLLING BOARDS AND COMMITTEES.

---

### **Chief Executive Officer (ex officio).**

HIS HONOR THE MAYOR, J. WESLEY KIMBALL.

### **Joint Standing Committee on Highways.**

ALDERMAN DWIGHT CHESTER, Chairman.

### **Water Board.**

EDWARD W. CATE, President.

### **Joint Special Committee on Sewerage.**

ALDERMAN JOHN W. CARTER, Chairman.

### **Joint Special Committee on Parks.**

ALDERMAN BENJAMIN S. GRANT, Chairman.

### **Joint Standing Committee on Public Property.**

ALDERMAN GEORGE PETTEE, Chairman.

### **Board of Health.**

ALDERMAN JOHN Q. HENRY, President.

### **Joint Standing Committee on Fuel and Street Lights.**

ALDERMAN BENJAMIN S. GRANT, Chairman.



## CITY ENGINEER'S DEPARTMENT.

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**City Engineer.**

ALBERT F. NOYES.

**Principal Assistant Engineer.**

FRED. H. BARNES.

**Assistant Engineers.**

WILLIAM S. FRENCH.

I. W. HASTINGS.

**Transitman and Leveller.**

WILLIAM P. MORSE.

**Rodmen.**

ARTHUR L. WOODRUFF.

STEPHEN CHILD.



## REPORT.

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CITY ENGINEER'S OFFICE, CITY HALL,  
WEST NEWTON, MASS., Dec. 31, 1884.

*To the Honorable City Council.*

GENTLEMEN,—In compliance with Section 5 of Ordinance No. '9, I herewith respectfully submit the Annual Report of the City Engineer's Department for the year 1884.

|   |            |
|---|------------|
| Amount appropriated for the year 1884 . . . . . | \$6,750 00 |
| Amount expended . . . . .                       | 6,750 41   |
|   | <hr/>      |
| Amount overdrawn . . . . .                      | \$ 0 41    |

### Classification of Expenditures.

|  |            |
|--|------------|
| For salaries of city engineer, assistants, draughts- |            |
| man, and rodmen . . . . .                            | \$6,049 81 |
| For car-fares and other incidentals . . . . .        | 228 20     |
| For exchange of horse and care and keeping of        |            |
| horse and wagon . . . . .                            | 267 77     |
| For drawing paper and other supplies . . . . .       | 83 82      |
| For instruments and repairs . . . . .                | 72 81      |
| For horse hire . . . . .                             | 48 00      |
|  | <hr/>      |
| Total amount . . . . .                               | \$6,750 41 |



The item of salaries of city engineer and assistants may be divided as follows:—

|  |                  |
|--|------------------|
| For defining street lines; making surveys and maps, the examination of titles and draughting of reports and orders for street widenings, acceptance and extension; office records; highway accounts; defining and establishing proposed grades of streets; surveys, plans and estimates for proposed work on highways; and all work relating to highways . . . . . | \$2,897 22       |
| For establishing lines and grades for the extension of water pipes, locating and measuring service pipes and for all work relating to water works . . . . .  | 384 47           |
| For collecting and compiling the information required by the sanitary survey; for making maps showing the location of contagious diseases and wet cellars; for making estimates of cost of sewerage system; and for all other work under the direction of the Joint Special Committee on Sewerage . . . . .  | 1,070 38         |
| For copying all Newton plans at Registry of Deeds, office of the Clerk of Courts, and County Commissioners' office and indexing the same; and for copying conveyances to the town of Newton . . . . .  | 556 57           |
| For defining the lines, surveys, and plans of city property, making plans and specifications for the alterations and repairs on old buildings, and superintending the execution of the same, under the direction of the Joint Standing Committee on Public Property . . . . .  | 318 11           |
| <i>Amount carried forward,</i>   | <hr/> \$5,226 75 |

|  |                  |
|--|------------------|
| <i>Amount brought forward,</i>   | \$5,226 75       |
| For defining the lines, making surveys and plans of various parks ; for laying out and grading of Farlow Park ; for compiling the assessment lists and plans for Farlow Park ; and for all other work under the direction of the Joint Standing Committee on Parks . . . . . | 224 59           |
| For giving lines and grades for the construction of drains and culverts, making preliminary surveys, plans, profiles, diagrams, estimates, calculations and all work relating to drains . . . . .  | 190 83           |
| For plans, estimates, reports, inspection of plumbing, and for all work relating to the Board of Health . . . . .  | 134 19           |
| For locating and making a list of the street lights ; and for making maps showing the same ; under the direction of the Joint Standing Committee on Fuel and Street Lights . . . . .   | 98 46            |
| For making surveys and levels for plans, profiles and estimates for the use of the City Solicitor in suits for and against the city ; for attending court, and all work relating to said suits . . . . .   | 85 68            |
| For all other miscellaneous work . . . . .   | 89 31            |
| Total amount . . . . .   | <hr/> \$6,049 81 |

Surveys have been made of the whole or a part of forty-six streets covering a length of nine and six-tenths miles. One hundred and fifteen street plans and profiles have been made. Levels have been taken over the whole or a part of sixty-five streets or brooks, a total length of thirteen and

two-tenths miles. Lines have been established on seventy-one streets and grades on seventy-four streets. Three hundred and twenty-three tracings of railroad, land and street plans obtained from various sources have been made.

The minimum number of assistants employed during the past year is five; average number, six; and maximum number at any time, twelve.

Plans and profiles have been made; lines and grades defined; and the titles and boundaries of the estates abutting upon the following named streets have been examined; and said streets have been laid out and accepted by the City Council:—An extension of Bellevue street (formerly known as Bowditch street), Ward 1, from Newtonville avenue to Washington street 911 feet, 40 feet wide; Bowen street (formerly known as Maple Avenue) Ward 6, from Homer to Centre streets, 986 feet, 35 feet wide; Lombard street, Ward 1, from Centre to Claremont streets, 1146 feet, 40 feet wide; Marshall street, Ward 6, from Sumner street easterly, 422 feet, 40 feet wide; Nonantum Place, Ward 7, from Nonantum street northerly, 365 feet, 30 feet wide; an extension of School street (formerly known as North School street), Ward 1, from Pearl to Gardner streets, 201 feet, 35 feet wide; and Washington Place, Ward 2, from Walnut street westerly 1016 feet, 40 feet wide; making a total length of streets accepted, 5047 feet.

The lines of Walnut street from Morse street to Bulbough's Pond were altered, the street being straightened thereby and much improved.

All actions of the Board of Aldermen for the year 1884, relating to highways, drains, water works, etc., have been indexed by streets, or under their respective heads, for ready reference.

The copying of all Newton (street, railroad and land) plans on file at the Registry of Deeds, County Commission-

ers or Clerk of the Court's offices, has been completed, and the same are now on file at this office. In addition to the above, copies have been made of all plans which could be obtained from private parties, and a record kept of the sources from which they are obtained. These are carefully indexed under their respective heads, and placed where they can be readily referred to.

It is my desire to make the records of the Department convenient and valuable to the public. Already has this scheme proven of great value to persons having mislaid their original plans, and have found copies of the same on file; or, where persons desiring to find plans of certain properties, after examining various places at considerable expense, have found copies here of what they wanted. Where a series of plans of the same properties have been made, showing subdivisions or changes, copies are arranged for easy reference or comparison.

I might here suggest that any person having any plans of Newton property, by sending them to this office, copies will be made and placed on record free of expense to them, the original returned, and the copy can be at any time referred to, should the original be lost or not of easy access.

In addition to the work already enumerated, several large district plans (plotted on a scale of forty feet to an inch) have been or are being made as the surveys of streets connecting districts already surveyed are finished.

Early in January, Mr. Henry D. Woods, Principal Assistant Engineer and Draughtsman, resigned his position in the office in order to accept a more favorable one abroad. By his resignation the Department lost the services of a faithful, efficient and skilful assistant, whose loss is seriously felt. His position as draughtsman has been partially filled by Mr. Frank L. Preble, who is employed part of each month, as he may have freedom from his other duties.







## HIGHWAY DEPARTMENT.

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### **Highway Surveyors and Joint Standing Committee on Highways.**

ALDERMAN DWIGHT CHESTER, Chairman.

ALDERMAN JOHN Q. HENRY.

COUNCILMAN JAMES H. NICKERSON.

COUNCILMAN PRESCOTT C. BRIDGHAM.

COUNCILMAN GEORGE M. FISKE.

### **EXECUTIVE OFFICERS.**

#### **Superintendent of Streets.**

WILLIAM E. FULLER.

#### **Assistant Superintendents of Streets.**

GEORGE E. STUART, Wards 1, 2 and 7.

JOHN J. WARE, Wards 4 and 5.

JOHN A. PECK, Ward 6.

#### **City Engineer.**

ALBERT F. NOYES.



## HIGHWAYS.

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The management of the highways, the ordinary repairs, the building and rebuilding of streets, drains, culverts, sidewalks, etc., and the gravel lands, are under the general direction of the Joint Standing Committee on Highways, Streets and Ways, Sidewalks, Drains and Sewers, and the Highway Surveyors.

The committee for 1884, with the exception of two councilmen, remained the same as in 1883. The executive officers of the department remained the same as for the last five years.

The policy of thorough work in whatever was undertaken, which was adopted by the Highway Committee and Superintendent of Streets four years ago, has been continued during the past year with equally good effect, although they have adhered to it so closely as to awaken the criticism of some that they were neglecting the surfacing up of some of the old and poorly constructed streets. I can hardly feel this criticism a fair one; for it is due to the requirement on the part of the public for a better class of roadway than they would have been perfectly satisfied with a few years ago.

The Superintendent of Streets desires to again call your attention to the suggestion in my report for the year 1882 which was as follows :

“The department, as at present arranged, is divided into four districts, under the Superintendent of Streets and three assistants. The horses of the department occupy the stables jointly with those of the fire department, and are subject to the demands and calls of that department. The district under Mr. Stuart is divided into two,—Newton and Newtonville; and that under Mr. Ware into three,—Auburndale, Newton Lower Falls and Newton Upper Falls. Under the efficient management of the Superintendent of Streets, there is scarcely a day that the full force of the department cannot work to advantage. As at present arranged, the concentrated action of the force cannot be obtained, and the Highway Committee have under consideration the advisability of placing the whole force of the north side of the city at some central point, as at Newtonville; thus separating the Fire and Highway Departments. This would undoubtedly result in great advantage to the Highway Department, enabling the Superintendent to concentrate his forces, and carry on the work with greater economy.”

The steam road roller, purchased in the spring of 1881, has been kept constantly at work during the summer months. No repairs have been necessary beyond possibly steeling some of the picks; a new blade or two for the mud scrapers, or babbitting the wheels (which has just been done for the first time). A careful examination during the past month showed it to be in as good condition, apparently, as when new. It has been run during the past season 1066 hours; it has picked up 60,391 square yards of macadamized road; and has laid down 141,731 square yards of Telford, macadamized or gravel road. It has been let for two days to the town of Watertown; it was used thirteen hours for pulling up trees, and it has been put to the equally novel use of hauling heavily loaded teams over roads being repaired or rebuilt.

The portable stone crusher and portable hoisting pulley engine, purchased in December, 1883, arrived early in February, and both have proved perfectly satisfactory. The first work of the engine was upon the Eldridget Sreet drain, where it furnished power for a six-inch Andrews pump continuously, and also hoisting power for a derrick.

I would respectfully call your attention to the necessity for systematic repair of concrete sidewalks (see pages 23 and 24 of Annual Report for 1883). A very considerable percentage of those already built are out of repair, and for safety and convenience should receive immediate attention. I would respectfully recommend that a special appropriation be made for that purpose.

#### Highways, General Repairs.

|  |             |
|--|-------------|
| Amount appropriated by order of the City Council for highways, general repairs for the year ending Dec. 31, 1884 . . . . . | \$45,000 00 |
| Amount transferred from appropriation for highway widenings and improvements . . . . .                                     | 4,800 00    |
| Amount transferred from appropriation for miscellaneous expenses . . . . .   | 450 00      |
|  | <hr/>       |
|  | \$50,250 00 |
| Amount transferred to appropriation for drains and culverts . . . . .  | 500 00      |
|  | <hr/>       |
| Total appropriation . . . . .  | \$49,750 00 |
| Amount expended as per Auditor's records . . . . .   | 48,991 20   |
|  | <hr/>       |
| Balance unexpended as per Auditor's records . . . . .  | \$758 80    |
| Amount charged to appropriation for highways, general repairs, as per Auditor's records . . . . .                          | \$48,991 20 |
| Amount charged to appropriation for miscellaneous expenses by the Auditor . . . . .  | 201 39      |
|  | <hr/>       |
| Total amount expended . . . . .  | \$49,192 59 |



















|                                |   |   |   |   |          |    |
|--------------------------------|---|---|---|---|----------|----|
| <i>Amount brought forward,</i> | . | . | . | . | \$7,576  | 60 |
| Crafts                         | . | . | . | . | 210      | 87 |
| Crescent Avenue                | . | . | . | . | 10       | 75 |
| Cross                          | . | . | . | . | 10       | 50 |
| Davis                          | . | . | . | . | 17       | 50 |
| Dedham                         | . | . | . | . | 82       | 17 |
| Derby                          | . | . | . | . | 127      | 75 |
| Durant                         | . | . | . | . | 14       | 00 |
| Eldridge                       | . | . | . | . | 142      | 42 |
| Elliot                         | . | . | . | . | 202      | 23 |
| Ellis                          | . | . | . | . | 30       | 66 |
| Elm                            | . | . | . | . | 5        | 25 |
| Emerson                        | . | . | . | . | 7        | 58 |
| Everett                        | . | . | . | . | 44       | 70 |
| Fairmont Avenue                | . | . | . | . | 189      | 13 |
| Farlow Park                    | . | . | . | . | 31       | 50 |
| Farwell                        | . | . | . | . | 269      | 50 |
| Fayette                        | . | . | . | . | 9        | 50 |
| Fern                           | . | . | . | . | 13       | 45 |
| Florence                       | . | . | . | . | 10       | 50 |
| Forest Avenue                  | . | . | . | . | 15       | 75 |
| Fountain                       | . | . | . | . | 9        | 04 |
| Franklin                       | . | . | . | . | 38       | 38 |
| Fuller                         | . | . | . | . | 105      | 77 |
| Gardner                        | . | . | . | . | 13       | 00 |
| Gibbs                          | . | . | . | . | 230      | 68 |
| Glen Avenue                    | . | . | . | . | 10       | 50 |
| Grove                          | . | . | . | . | 490      | 43 |
| Hamilton                       | . | . | . | . | 23       | 21 |
| Hammond                        | . | . | . | . | 51       | 75 |
| Henshaw                        | . | . | . | . | 3        | 50 |
| Highland                       | . | . | . | . | 137      | 37 |
| Highland Avenue                | . | . | . | . | 167      | 57 |
| <i>Amount carried forward,</i> | . | . | . | . | \$10,303 | 51 |

|                                |   |   |   |   |          |        |
|--------------------------------|---|---|---|---|----------|--------|
| <i>Amount brought forward,</i> | . | . | . | . | \$10,303 | 51     |
| Hillside Avenue                | . | . | . | . | .        | 88 50  |
| Homer                          | . | . | . | . | .        | 468 75 |
| Hovey                          | . | . | . | . | .        | 9 34   |
| Ivanhoe                        | . | . | . | . | .        | 16 25  |
| Jefferson                      | . | . | . | . | .        | 9 88   |
| Jewett                         | . | . | . | . | .        | 1 75   |
| Kenilworth                     | . | . | . | . | .        | 4 25   |
| Lake Avenue                    | . | . | . | . | .        | 14 50  |
| Lasell                         | . | . | . | . | .        | 16 20  |
| Laurel                         | . | . | . | . | .        | 10 88  |
| Lexington                      | . | . | . | . | .        | 196 74 |
| Linden                         | . | . | . | . | .        | 18 00  |
| Lowell                         | . | . | . | . | .        | 73 00  |
| Maple                          | . | . | . | . | .        | 13 45  |
| Margin                         | . | . | . | . | .        | 39 67  |
| Mechanic                       | . | . | . | . | .        | 33 33  |
| Melrose                        | . | . | . | . | .        | 16 75  |
| Mill                           | . | . | . | . | .        | 22 75  |
| Montrose                       | . | . | . | . | .        | 4 25   |
| Mount Vernon                   | . | . | . | . | .        | 56 58  |
| Nahanton                       | . | . | . | . | .        | 139 30 |
| Needham                        | . | . | . | . | .        | 682 90 |
| Newtonville Avenue             | . | . | . | . | .        | 102 18 |
| Newtonville Square             | . | . | . | . | .        | 3 25   |
| Nonantum                       | . | . | . | . | .        | 59 12  |
| Nonantum Square                | . | . | . | . | .        | 49 01  |
| North                          | . | . | . | . | .        | 281 75 |
| Oak                            | . | . | . | . | .        | 21 29  |
| Orchard                        | . | . | . | . | .        | 10 50  |
| Otis                           | . | . | . | . | .        | 115 12 |
| Park                           | . | . | . | . | .        | 99 25  |
| <i>Amount carried forward</i>  | . | . | . | . | \$12,982 | 00     |

|                                |   |   |   |   |          |          |
|--------------------------------|---|---|---|---|----------|----------|
| <i>Amount brought forward,</i> | . | . | . | . | \$12,982 | 00       |
| Parker                         | . | . | . | . | .        | 13 75    |
| Parsons                        | . | . | . | . | .        | 22 50    |
| Pearl .                        | . | . | . | . | .        | 76 75    |
| Pelham                         | . | . | . | . | .        | 7 25     |
| Pembroke                       | . | . | . | . | .        | 76 00    |
| Perkins                        | . | . | . | . | .        | 64 50    |
| Pine Grove Avenue              | . | . | . | . | .        | 33 33    |
| Pleasant                       | . | . | . | . | .        | 14 50    |
| Prospect                       | . | . | . | . | .        | 37 92    |
| Putnam                         | . | . | . | . | .        | 56 00    |
| Richardson                     | . | . | . | . | .        | 20 75    |
| River .                        | . | . | . | . | .        | 414 75   |
| St. James                      | . | . | . | . | .        | 29 63    |
| Sargent                        | . | . | . | . | .        | 170 50   |
| School                         | . | . | . | . | .        | 15 16    |
| Shaw .                         | . | . | . | . | .        | 48 99    |
| South                          | . | . | . | . | .        | 131 50   |
| Station                        | . | . | . | . | .        | 2,023 00 |
| Temple                         | . | . | . | . | .        | 49 29    |
| Tremont                        | . | . | . | . | .        | 74 88    |
| Valentine                      | . | . | . | . | .        | 3 50     |
| Vernon                         | . | . | . | . | .        | 11 00    |
| Waban                          | . | . | . | . | .        | 7 58     |
| Waban Park                     | . | . | . | . | .        | 10 82    |
| Walker                         | . | . | . | . | .        | 166 50   |
| Walnut                         | . | . | . | . | .        | 676 21   |
| Walnut Park                    | . | . | . | . | .        | 27 31    |
| Waltham                        | . | . | . | . | .        | 1,265 75 |
| Ward                           | . | . | . | . | .        | 147 75   |
| Warren                         | . | . | . | . | .        | 16 00    |
| Warren Avenue.                 | . | . | . | . | .        | 10 50    |
| <i>Amount carried forward,</i> | . | . | . | . | \$18,705 | 87       |



|                               |   |   |   |          |    |
|-------------------------------|---|---|---|----------|----|
| <i>Amount brought forward</i> | . | . | . | \$18,705 | 87 |
| Washington                    | . | . | . | 760      | 46 |
| Washington Park               | . | . | . | 21       | 00 |
| Watertown                     | . | . | . | 49       | 88 |
| Waverley Avenue               | . | . | . | 119      | 01 |
| Webster                       | . | . | . | 72       | 50 |
| Webster Park                  | . | . | . | 14       | 00 |
| Wesley                        | . | . | . | 11       | 25 |
| West                          | . | . | . | 11       | 38 |
| Winter                        | . | . | . | 19       | 08 |
| Winthrop                      | . | . | . | 11       | 09 |
| Wolcott                       | . | . | . | 3        | 50 |
| Woodbine                      | . | . | . | 42       | 33 |
| Woodland Avenue               | . | . | . | 111      | 40 |
| Woodward                      | . | . | . | 238      | 28 |
| Oak Hill District             | . | . | . | 1,000    | 09 |
| Cleaning crossings            | . | . | . | 601      | 89 |
| Cleaning gutters              | . | . | . | 1,901    | 45 |
| Gravel pits                   | . | . | . | 6,375    | 72 |
| Mowing weeds                  | . | . | . | 81       | 38 |
| Patching streets              | . | . | . | 194      | 13 |
| Picking stones                | . | . | . | 1,216    | 13 |
| Portable engine and crusher   | . | . | . | 35       | 13 |
| Removing snow                 | . | . | . | 4,129    | 61 |
| Repairing gutters             | . | . | . | 5        | 50 |
| Stable account                | . | . | . | 637      | 04 |
| Steam Roller                  | . | . | . | 169      | 27 |
| Street signs                  | . | . | . | 60       | 50 |
| Trimming trees                | . | . | . | 241      | 81 |
| Water department              | . | . | . | 3        | 50 |
| Watering streets              | . | . | . | 9        | 00 |
| Miscellaneous                 | . | . | . | 15       | 08 |
| Total                         | . | . | . | \$36,868 | 26 |

The principal work performed has been upon the following streets, and in the following manner: —

Boylston street, at the east end toward Brookline; and Centre street, Wards 1 and 7, from Bennington to Richardson street, were macadamized and rolled.

Cottage street, Ward 5; Chestnut street, Ward 3; River street, Ward 3; Walnut street, Ward 2; Waltham street, Ward 3, and Washington street, Ward 2, were thoroughly gravelled and rolled.

Station street, Ward 6, from Beacon street to the railroad, was raised to the proper grade and thoroughly rebuilt and rolled.

#### HIGHWAY WIDENINGS AND IMPROVEMENTS.

|  |             |             |
|--|-------------|-------------|
| Amount appropriated by the City Council for highway widenings and improvements . . . . .                   | \$19,000 00 |             |
| Amount transferred to highways, general repairs . . . . .  | \$4,800 00  |             |
| Amount transferred to drains and culverts . . . . .  | 600 00      | 5400 00     |
| Total appropriation . . . . .  | \$13,600 00 |             |
| Amount expended as per auditor's records . . . . .   | \$13,424 57 |             |
| Unexpended balance as per auditor's records . . . . .  | 175 43      | \$13,600 00 |
| Amount charged to appropriation for highway widenings and improvements, as per Auditor's records . . . . . | \$13,424 57 |             |
| <i>Amount carried forward,</i> . . . . .   | \$13,424 57 |             |

|  |           |                |
|--|-----------|----------------|
| <i>Amount brought forward,</i>   | . . . . . | . \$ 13,600 00 |
| Amount charged by Auditor to appropriation for highways, general repairs . . . . . |           | 268 81         |
| Amount charged by Auditor to appropriation for drains and culverts . . . . .       |           | 10 12          |
|  |           | <hr/>          |
| Total amount expended . . . . .  |           | \$13,703 50    |

The above amount has been expended on the following-named streets :

Boylston street, Ward 5, between Chestnut street and Charles river, widening :—

|  |          |          |
|--|----------|----------|
| For labor, etc., as per rolls . . . . .    | \$618 23 |          |
| For material, etc., as per bills . . . . . | 2 14     |          |
|  | <hr/>    | \$620 37 |

Centre street, Ward 6, Paul street to near Rogers street, regraded and macadamized :—

|  |            |          |
|--|------------|----------|
| For labor, etc., as per rolls . . . . .  | \$2,981 71 |          |
| For cement, etc., as per bills . . . . . | 16 62      |          |
|  | <hr/>      | 2,998 33 |

Chestnut street, Ward 3, corner of Highland street, paving gutters :—

|   |        |
|---|--------|
| For labor, etc., as per rolls . . . . . | 186 49 |
|---|--------|

Dedham street, Ward 5, east of Parker street, regraded :—

|   |        |
|---|--------|
| For labor, etc., as per rolls . . . . . | 800 00 |
|---|--------|

Eldridge street, Ward 7, Elmwood street to Vernon street, macadamized :—

|   |        |
|---|--------|
| For labor, etc., as per rolls . . . . . | 500 00 |
|---|--------|

|                                |           |       |            |
|--------------------------------|-----------|-------|------------|
| <i>Amount carried forward,</i> | . . . . . | <hr/> | \$5,105 19 |
|--------------------------------|-----------|-------|------------|

|  |   |   |   |           |            |
|--|---|---|---|-----------|------------|
| <i>Amount brought forward,</i>   | . | . | . | .         | \$5,105 19 |
| Fairmont avenue, Ward 1, from Centre street westerly, paving gutters:—                     |   |   |   |           |            |
| For labor, etc., as per rolls  | . | . | . | \$531 79  |            |
| For material, etc., as per bills   | . | . | . | 2 14      |            |
|  |   |   |   | <hr/>     | 533 93     |
| Grove street, Ward 4, from Central street to Woodland avenue, paving gutters:—             |   |   |   |           |            |
| For labor, etc., as per rolls  | . | . | . |           | 368 35     |
| Hancock street, Ward 4, near Woodland avenue, regraded:—                                   |   |   |   |           |            |
| For labor, etc., as per rolls  | . | . | . |           | 313 17     |
| Highland street, Ward 3, corner of Chestnut street, paving gutters:—                       |   |   |   |           |            |
| For labor, etc., as per rolls  | . | . | . |           | 80 25      |
| Lake avenue, Wards 5 and 6, near Baptist Pond, regraded, macadamized and sidewalks built:— |   |   |   |           |            |
| For labor, etc., as per rolls  | . | . | . | \$616 16  |            |
| For material, etc., as per bills   | . | . | . | 2 14      |            |
|  |   |   |   | <hr/>     | 618 30     |
| Lexington street, Ward 4, near Seaverns street, regraded:—                                 |   |   |   |           |            |
| For labor, etc., as per rolls  | . | . | . | \$1501 89 |            |
| For material, etc., as per bills   | . | . | . | 54 63     |            |
|  |   |   |   | <hr/>     | 1556 52    |
| Newtonville' avenue, Ward 2, from Walnut street easterly, regraded and macadamized:—       |   |   |   |           |            |
| For labor, etc., as per rolls  | . | . | . | \$763 67  |            |
| For concrete, etc., as per bills   | . | . | . | 83 63     |            |
|  |   |   |   | <hr/>     | 847 30     |
| <i>Amount carried forward,</i>   | . | . | . | .         | \$9,423 01 |

|  |  |            |             |
|--|--|------------|-------------|
| <i>Amount brought forward.</i>   |  |            | \$9,423 01  |
| Park street, Ward 7, at I. T. Burr's estate, regraded:—                                      |  |            |             |
| For labor, etc., as per rolls  |  |            | 65 61       |
| Seaverns street, Ward 4, near Lexington street, regraded:—                                   |  |            |             |
| For labor, etc., as per rolls  |  |            | 157 64      |
| Ward street, Ward 6, near Grant avenue, widening and grading:—                               |  |            |             |
| For labor, etc., as per rolls  |  | \$917 03   |             |
| For material, etc., as per bills   |  | 30 27      |             |
|  |  | <hr/>      | 947 30      |
| Washington streets, Wards 1 and 7, Bacon street to School street, regraded and macadamized:— |  |            |             |
| For labor, etc., as per rolls  |  | \$1,951 85 |             |
| For concrete, etc., as per bills   |  | 129 14     |             |
|  |  | <hr/>      | 2,080 99    |
| Washington street, Ward 4, at Newton Lower Falls:—   |  |            |             |
| For labor and material, as per bills   |  |            | 37 20       |
| Crushing stone   |  |            | 991 75      |
|  |  |            | <hr/>       |
| Total  |  |            | \$13,703 50 |

### CURBING.

|  |  |            |
|--|--|------------|
| Amount appropriated by order of the City Council for curbing for the year 1884 |  | \$1,200 00 |
| Amount transferred from appropriation for gravel lands                         |  | 150 00     |
|  |  | <hr/>      |
| Total appropriation  |  | \$1,350 00 |



|   |            |            |
|---|------------|------------|
| Amount expended as per Auditor's records . . . . .                                      | \$1,318 15 |            |
| Unexpended balance as per Auditor's records . . . . .                                   | 31 85      |            |
|   | <hr/>      | 1,350 00   |
| Amount charged to appropriation for curbing as per Auditor's records                    |            | \$1,318 15 |
| Amount charged by Auditor to appropriation for curbing for the year 1883 . . . . .      |            | 152 52     |
| Amount charged by Auditor to appropriation for sidewalks and street crossings . . . . . |            | 1 45       |
| Amount charged by Auditor to appropriation for highways, general repairs . . . . .      |            | 27 00      |
|   |            | <hr/>      |
| Total amount expended . . . . .   |            | \$1,499 12 |

The following table shows the number of linear feet, kind and cost of curbing, which has been laid :—

## Curbing Laid in 1884.

| STREET.                                       | WARD. | LINEAR<br>FEET OF<br>STRAIGHT<br>CURBING. | LINEAR<br>FEET OF<br>CURVED<br>CURBING. | TOTAL<br>LENGTH<br>OF<br>CURBING. | COST.      |
|---|-------|---|---|-----------------------------------|------------|
| Auburn . . . .                                | 4     | 53 50                                     |   | 53 50                             | \$38 76    |
| Beacon . . . .                                | 6     |   | 21 91                                   | 21 91                             | 22 32      |
| Bowers<br>Newtonville }<br>Ave. }<br>Walnut } | 2     | 310 40                                    | 137 73                                  | 448 13                            | 200 19     |
| Boyd . . . . .                                | 1     | 11 80                                     |   | 11 80                             | 7 48       |
| Centre . . . . .                              | 6-7   | 20 00                                     | 32 02                                   | 52 02                             | 51 66      |
| Chestnut . . . .                              | 3     | 86 50                                     |   | 86 50                             | 86 15      |
| Church . . . . .                              | 7     |   | 10 12                                   | 10 12                             | 17 54      |
| Edinboro . . . .                              | 2     |   | 14 51                                   | 14 51                             | 13 21      |
| Eldridge, (resetting) .                       | 7     |   |   |                                   | 21 00      |
| Elm . . . . .                                 | 3     | 47 55                                     | 3 15                                    | 50 70                             | 42 39      |
| Franklin . . . . .                            | 7     | 6 85                                      | 6 96                                    | 13 81                             | 14 38      |
| High . . . . .                                | 5     | 30 40                                     |   | 30 40                             | 17 97      |
| Highland . . . . .                            | 3     | 20 00                                     | 30 10                                   | 50 10                             | 50 10      |
| Lexington . . . .                             | 4     | 288 85                                    |   | 288 85                            | 253 31     |
| Margin . . . . .                              | 3     | 13 35                                     | 30 10                                   | 43 45                             | 46 16      |
| Newtonville Ave. . .                          | 2     | 18 46                                     |   | 18 46                             | 14 21      |
| Newtonville Ave.,<br>(Laundry brook bd'ge.    | 1-2   | 42 16                                     |   | 42 16                             | 20 99      |
| Park . . . . .                                | 7     | 154 33                                    | 6 96                                    | 161 29                            | 146 35     |
| Summit, (catch-basin)                         | 1     | 7 50                                      |   | 7 50                              | 3 73       |
| Vernon . . . . .                              | 7     | 154 40                                    |   | 154 40                            | 141 70     |
| Walnut . . . . .                              | 2     | 142 10                                    | 33 71                                   | 175 81                            | 167 47     |
| Washington . . . .                            | 2     | 10 00                                     | 19 21                                   | 29 21                             | 41 67      |
| Winthrop, (resetting)                         | 3     |   |   |                                   | 3 00       |
| Miscellaneous . . .                           |       | 78 96                                     |   | 78 96                             | 42 06      |
| Stock . . . . .                               |       | 71 00                                     |   | 71 00                             | 35 32      |
| Totals. . . . .                               |       | 1,568 11                                  | 246 48                                  | 1,914 59                          | \$1,499 12 |

Of the above amount expended, \$4.50 should have been charged to the appropriation for land damages, and \$24.72 to the appropriation for drains and culverts.

**SIDEWALKS AND STREET CROSSINGS.**

|   |            |
|---|------------|
| Amount appropriated by order of the City Council for sidewalks and street crossings for the year 1884 . . . . . | \$6,000 00 |
| Amount transferred from appropriation for gravel lands . . . . .  | 800 00     |
|   | <hr/>      |
| Total appropriation . . . . .   | \$6,800 00 |
| Amount expended as per Auditor's records . . . . .  | \$6,794 06 |
| Unexpended balance as per Auditor's records . . . . .   | 5 94       |
|   | <hr/>      |
| Amount charged to appropriation for sidewalks and street crossings as per Auditor's records . . . . .           | \$6,794 06 |
| Amount charged by Auditor to appropriation for highways, general repairs . . . . .                              | 895 60     |
| Amount charged by Auditor to appropriation for drains and culverts . . . . .                                    | 1 54       |
| Amount charged by Auditor to appropriation for drains and culverts of 1883 . . . . .                            | 0 10       |
|   | <hr/>      |
| Total amount expended . . . . .   | \$7,691 30 |

The following table shows the number of square yards of concrete sidewalk and street crossings laid and repaired, the number of feet of flag-stone crossings laid, and the cost of the same.

| STREET.                | WARD.   | SQUARE YARDS OF CONCRETE. |                     |               | COST OF GRAVEL & CONCRETE WALKS. | No. of Flag-stone Cross-ings. | TOTAL COST. | REMARKS.             |
|------------------------|---------|---------------------------|---------------------|---------------|----------------------------------|-------------------------------|-------------|----------------------|
|                        |         | SIDEWALKS NEW.            | SIDEWALKS REPAIRED. | CROS'NGS NEW. | CROS'NGS REPAIRED.               |                               |             |                      |
| Adams . . . . .        | 2       |                           |                     |               | \$50 75                          |                               | \$50 75     | Gravel.              |
| Alpine . . . . .       | 3       |                           |                     |               | 63 00                            |                               | 63 00       | Gravel.              |
| Auburn . . . . .       | 4       | 60.67                     |                     |               | 92 52                            |                               | 92 52       | Part gravel.         |
| Beacon . . . . .       | 6       | 42.78                     |                     |               | 32 92                            |                               | 32 92       |                      |
| Bellevue . . . . .     | 1       | 76.32                     |                     |               | 84 15                            |                               | 84 15       | Part gravel.         |
| Bennington . . . . .   | 1       | 178.14                    |                     |               | 86 02                            |                               | 86 02       |                      |
| Bourne . . . . .       | 4       |                           |                     |               | 18 00                            |                               | 18 00       | Gravel.              |
| Bowers . . . . .       | 2       | 139.30                    |                     | 131.70        | 168 68                           |                               | 168 68      | Part gravel.         |
| Boyd . . . . .         | 1       | 160.71                    |                     |               | 69 96                            |                               | 69 96       | Part gravel.         |
| Boylston . . . . .     | 5       |                           |                     |               | 140 68                           |                               | 140 68      | Gravel.              |
| Brook . . . . .        | 7       | 8.31                      |                     |               | 2 49                             |                               | 2 49        | Laid in 1883.        |
| Brookside Ave. . . . . | 2       |                           |                     |               | 174 14                           |                               | 174 14      | Gravel.              |
| Cabot . . . . .        | 2       |                           |                     |               | 16 50                            |                               | 16 50       | Gravel.              |
| Carleton . . . . .     | 7       |                           |                     |               | 3 50                             |                               | 3 50        | Gravel.              |
| Central . . . . .      | 4       | 10.74                     |                     |               | 5 26                             |                               | 5 26        | Partly laid in 1883. |
| Central Ave. . . . .   | 2       | 23.98                     |                     | 106.60        | 48 25                            |                               | 48 25       | Gravel.              |
| Centre . . . . .       | 1, 6, 7 | 1.62                      |                     |               | 299 05                           | 80                            | 409 08      | Part gravel.         |
| Channing . . . . .     | 7       |                           |                     |               | 0 97                             |                               | 0 97        |                      |
| Charles . . . . .      | 4       |                           |                     |               | 387 21                           |                               | 387 21      | Gravel.              |
| Chase . . . . .        | 6       |                           |                     | 56.44         | 47 97                            |                               | 47 97       |                      |
| Chestnut . . . . .     | 3       | 87.84                     |                     |               | 85 11                            | 60                            | 145 33      | Part gravel.         |
| Church . . . . .       | 7       | 4.20                      |                     |               | 2 52                             |                               | 2 52        |                      |
| Crafts . . . . .       | 2       |                           |                     |               | 48 25                            |                               | 48 25       | Part gravel.         |
| Durant . . . . .       | 7       |                           |                     |               | 70 50                            |                               | 70 50       | Part gravel.         |
| Edinboro . . . . .     | 2       |                           |                     |               | 34 25                            |                               | 34 25       | Part gravel.         |
| Eldridge . . . . .     | 7       | 60.57                     | 313.82              |               | 160 14                           |                               | 160 14      | Partly laid in 1883. |
| Elliot . . . . .       | 5       |                           |                     |               | 16 00                            |                               | 16 00       | Gravel.              |
| Elm . . . . .          | 3       | 35.81                     |                     |               | 37 87                            |                               | 37 87       | Part gravel.         |
| Elmwood . . . . .      | 7       | 56.46                     |                     |               | 22 36                            |                               | 22 36       |                      |





| STREET.                     | WARD.     | SQUARE YARDS OF CONCRETE. |                     |               |                    | COST OF GRAVEL & CONCRETE WALKS. | No. of Flag-stone Crossing | TOTAL COST. | REMARKS.            |
|-----------------------------|-----------|---------------------------|---------------------|---------------|--------------------|----------------------------------|----------------------------|-------------|---------------------|
|                             |           | NEW.                      | SIDEWALKS REPAIRED. | CROS'NGS NEW. | CROS'NGS REP' RED. |                                  |                            |             |                     |
| <i>Am'ts brought for'd.</i> |           | 2,316.65                  | 621.61              | 637.40        | 144.56             | \$3,921 79                       | 165                        | \$4,123 20  |                     |
| Park . . . . .              | 7         | 572.24                    |                     |               |                    | 394 79                           |                            | 394 79      |                     |
| Parker . . . . .            | 6         |                           |                     |               |                    | 102 75                           |                            | 102 75      | Gravel.             |
| Parsons . . . . .           | 2         |                           |                     |               |                    | 14 75                            |                            | 14 75       | Gravel.             |
| Pearl . . . . .             | 1         |                           |                     |               |                    | 7 25                             |                            | 7 25        | Gravel.             |
| Pembroke . . . . .          | 7         |                           |                     |               |                    | 205 25                           |                            | 205 25      | Gravel.             |
| Perkins . . . . .           | 3         |                           |                     |               |                    | 52 50                            |                            | 52 50       | Gravel.             |
| Pettee . . . . .            | 5         | 97.22                     | 149.04              | 15.31         |                    | 99 02                            |                            | 99 02       |                     |
| Prospect . . . . .          | 3         |                           |                     | 6.25          |                    | 5 31                             |                            | 5 31        |                     |
| Putnam . . . . .            | 3         |                           |                     |               |                    | 26 25                            |                            | 26 25       | Gravel.             |
| River . . . . .             | 3         |                           |                     |               |                    | 88 37                            |                            | 88 37       | Gravel.             |
| Sargent . . . . .           | 7         |                           |                     |               |                    |                                  | 41                         | 74 99       |                     |
| Seaverns . . . . .          | 4         |                           |                     |               |                    | 39 66                            |                            | 39 66       | Gravel.             |
| Station . . . . .           | 6         | 23.47                     | 110.25              | 296.17        |                    | 206 57                           |                            | 206 57      |                     |
| Sumner . . . . .            | 6         | 80.97                     |                     | 25.02         |                    | 49 42                            |                            | 49 42       |                     |
| Temple . . . . .            | 3         |                           |                     |               |                    | 3 50                             |                            | 3 50        | Gravel.             |
| Vernon . . . . .            | 7         | 150.73                    |                     | 23.00         | 25.59              | 100 19                           |                            | 100 19      |                     |
| Vista Ave. . . . .          | 4         | 876.48                    |                     | 34.40         |                    | 507 40                           |                            | 507 40      |                     |
| Waban . . . . .             | 1         |                           |                     |               |                    | 15 75                            |                            | 15 75       | Gravel.             |
| Walker . . . . .            | 2         | 7.35                      |                     | 50.60         |                    | 62 55                            |                            | 62 55       | Part gravel.        |
| Walnut . . . . .            | 2         | 476.31                    |                     | 46.29         |                    | 235 95                           |                            | 235 95      |                     |
| Waltham . . . . .           | 3         |                           |                     |               |                    | 21 00                            |                            | 21 00       | Gravel.             |
| Warren . . . . .            | 6         |                           |                     | 124.44        |                    | 105 77                           |                            | 105 77      | laid in 1883.       |
| Washington . . . . .        | 1,2,3,4,7 | 320.87                    | 307.47              | 119.09        | 31.75              | 656 83                           |                            | 656 83      | Part gravel. Partly |
| Washington Park             | 2         |                           |                     | 16.40         |                    | 6 97                             |                            | 6 97        |                     |
| Washington Place            | 2         |                           |                     |               |                    | 15 75                            |                            | 15 75       | Gravel.             |
| Watertown . . . . .         | 2,3       |                           |                     |               |                    | 49 00                            |                            | 49 00       | Gravel.             |
| Willow . . . . .            | 6         |                           |                     |               |                    | 21 75                            |                            | 21 75       | Gravel.             |
| Wolcott . . . . .           | 4         |                           |                     |               |                    | 63 51                            |                            | 63 51       | Gravel.             |



**Summary of Expenses, charged to the Appropriation for Highways,  
General Repairs.**

|   |                    |
|---|--------------------|
| For maintenance, as per superintendent's records<br>of work . . . . .             | \$36,868 26        |
| For highway widenings and improvements, in<br>excess of appropriation . . . . .   | 268 81             |
| For curbing, in access of appropriation . . . . .                                 | 27 00              |
| For sidewalks and street crossings in access of<br>appropriation . . . . .        | 895 60             |
| For drains and culverts, in access of appropria-<br>tion . . . . .                | 32 06              |
| For miscellaneous expenses, as per sundry bills<br>in Auditor's records . . . . . | 11,100 86          |
| <b>Total amount expended . . . . .</b>  | <b>\$49,192 59</b> |

**DRAINS AND CULVERTS.**

|   |                    |
|---|--------------------|
| Amount appropriated by order of the<br>City Council for the construction<br>of new and the cleaning out and<br>repairing of old drains, culverts,<br>and catch-basins . . . . . | \$12,000 00        |
| Amount transferred from appropria-<br>tion for gravel lands . . . . .   | 1,700 00           |
| Amount transferred from appropria-<br>tion for highway widenings and<br>improvements . . . . .  | 600 00             |
| Amount transferred from appropria-<br>tion for highways, general repairs . . . . .  | 500 00             |
| <b>Total appropriation . . . . .</b>  | <b>\$14,800 00</b> |
| Amount expended as per Auditor's<br>records . . . . .   | \$14,711 83        |
| Unexpended balance as per Auditor's<br>records . . . . .  | 88 17              |
|   | <hr/> 14,800 00    |

|  |                   |
|--|-------------------|
| Amount charged to appropriation for<br>drains and culverts as per Audi-<br>tor's records . . . . . | \$14,711 83       |
| Amount charged by Auditor to the<br>appropriation for drains and cul-<br>verts for 1883 . . . . .  | 8 58              |
| Amount charged by Auditor to appro-<br>priation for curbing . . . . .                              | 24 72             |
| Amount charged by Auditor to appro-<br>priation for highway general<br>repairs . . . . .           | 32 06             |
| Total amount expended . . . . .  | <hr/> \$14,777 19 |

The following table shows the length of each kind, size and cost of drains constructed during the year, and the streets in which the same are laid:—

## Drains Constructed in 1884.

| STREET.                   | SIZE, IN<br>INCHES. | LENGTH<br>IN FEET. | MAN-<br>HOLES. | CATCH-<br>BASINS. | Feet of<br>Inlets. | Size of<br>Inlets. | COST.      | LOCATION.                                    |
|---------------------------|---------------------|--------------------|----------------|-------------------|--------------------|--------------------|------------|--|
| Adams . . . . .           | 12                  | 660                |                | 5                 | 105½               | 6                  | \$797 33   | Newtonville Drain, north.                    |
| Boylston . . . . .        | 15                  | 123                |                |                   |                    |                    | 111 35     | Extension from Ellis Street.                 |
| Central . . . . .         | 15                  | 30                 |                | 2                 | 30                 | 10                 | 108 96     |  |
| Centre . . . . .          | 10                  | 24                 |                |                   |                    |                    | 7 92       | Near Baptist Pond.                           |
| Centre . . . . .          | 12                  | 204                |                | 3                 | 52                 | 8                  | 339 52     | Fairmont Ave. to Bellevue St.                |
| Channing . . . . .        | 8                   | 352                |                | 1                 |                    |                    | 173 14     | Washington Street north.                     |
| Eldridge . . . . .        | 36 by 36            | 415                | 3              | 2                 |                    |                    | 3,780 41   | Elmwood to Vernon Streets.                   |
| Glen Avenue . . . . .     | 10                  | 160                |                | 2                 | 18                 | 6                  | 135 28     |  |
| Hillside Avenue . . . . . | 15                  | 889                |                | 2                 | 256                | 8                  | 1,941 44   | Mt. Vernon to west of Foun-<br>tain Streets. |
| Otis . . . . .            | 12                  | 296                |                | 9                 | 45                 | 6                  | 326 48     | Near Seaverns Street.                        |
| Lexington . . . . .       | 18                  | 255                |                | 6                 | 49½                | 6                  | 262 99     | From Maple Place east.                       |
| Maple Place . . . . .     | 15                  | 195                |                | 3                 | 4½                 | 6                  | 99 40      | Near Chestnut Street.                        |
| Margin . . . . .          | 8                   | 300                |                |                   |                    |                    | 238 45     | Chestnut Street drain, east.                 |
| Washington . . . . .      | 8                   | 500                |                | 2                 | 36                 | 8                  | 563 81     | Near Pearl Street.                           |
| Watertown . . . . .       | 12                  | 578                |                | 7                 | 178                | 6                  | 113 37     | Near Tremont Street.                         |
| Waverly Avenue . . . . .  | 18                  | 75                 |                |                   |                    |                    |            |  |
| Totals . . . . .          |                     | 5056               | 3              | 42                | 774½               |                    | \$8,999 85 |  |

















**CULVERTS AND CATCH-BASINS.**

The following tables show the cost of the culverts or catch-basins constructed or re-constructed during the year, and the name of the street in or under which they are laid or built.

# Culverts Constructed and Reconstructed in 1884.

| STREET.              | LOCATION.                          | COST.     | REMARKS.              |
|----------------------|------------------------------------|-----------|-----------------------|
| Clark . . . . .      | Near Cherry street . . . . .       | \$7 24    | Repaired.             |
| Dedham . . . . .     | Near gravel pit . . . . .          | 223 75    | Repaired and extended |
| Derby . . . . .      | Under driveway . . . . .           | 7 26      | Repaired.             |
| Florence . . . . .   | Opposite Seaverns street . . . . . | 65 16     | Rebuilt.              |
| Jewett . . . . .     | Under driveway . . . . .           | 4 61      | Repaired.             |
| Lexington . . . . .  | Under driveway . . . . .           | 17 75     | Extended.             |
| Oak . . . . .        | Under driveway . . . . .           | 44 09     | Repaired.             |
| Pearl . . . . .      | Brook at Newton Cemetery . . . . . | 3 30      | Rebuilt.              |
| Walnut . . . . .     | Corner of Walnut Park . . . . .    | 1682 03   | Repaired.             |
| Washington . . . . . | Under driveway . . . . .           | 1 01      | Repaired.             |
| Washington . . . . . | Under driveway . . . . .           | 1 30      | Repaired.             |
| Webster . . . . .    | Under driveway . . . . .           | 75        | Repaired.             |
| Winchester . . . . . | Under driveway . . . . .           | 8 75      | Repaired.             |
| Total . . . . .      |                                    | \$2068 00 |                       |

## Catch-Basins Constructed and Re-constructed in 1884.

| STREET.                | LOCATION.                  | COST.     | REMARKS.                               |
|------------------------|----------------------------|-----------|--|
| Auburn . . . . .       | East of Crescent street    | \$26 89   | Four new catch-basins and connections. |
| Bowers . . . . .       | Near Walnut St. and Depot  | 162 33    |  |
| Centre . . . . .       | At Newton Highlands . .    | 20 59     | Two new catch-basins.                  |
| Centre . . . . .       | Corner of Lombard street   | 57 07     |  |
| Church . . . . .       |                            | 31 75     | New top and cover.                     |
| Franklin . . . . .     |                            | 10 02     |  |
| High . . . . .         | Near angle . . . . .       | 41 02     |  |
| Lake avenue . . . . .  | Corner of Crystal street . | 36 72     |  |
| Lombard . . . . .      | Corner of Centre street .  | 57 07     | Two new catch-basins.                  |
| Newtonville avenue . . | Near Walnut street . . .   | 139 38    | Six new catch-basins.                  |
| Newtonville avenue . . | Corner of Summit street .  | 19 39     |  |
| Nonantum Place . . . . |                            | 28 82     |  |
| Park . . . . .         | Near Franklin street . .   | 104 33    | Two new catch-basins and connections.  |
| Station . . . . .      | Near Glen avenue . . . .   | 69 57     | Two new catch-basins.                  |
| Summit . . . . .       | Corner Newtonville Ave.    | 38 06     |  |
| Walnut . . . . .       | Near Bowers street . . .   | 41 65     | Two new catch-basins.                  |
| Waltham . . . . .      |                            | 16 90     |  |
| Washington . . . . .   | Bacon to School streets .  | 128 40    | Four new catch-basins.                 |
| Washington . . . . .   | At Newton Lower Falls .    | 33 69     |  |
| Washington Park . . .  |                            | 70 44     | Two new catch-basins.                  |
| Total . . . . .        |                            | \$1134 09 |  |

## MISCELLANEOUS EXPENSES FOR 1884.

|  |          |            |
|--|----------|------------|
| Bridge street, repairs on bridge over<br>Charles river . . . . .       | \$19 03  |            |
| Central avenue, repairs on drain near<br>Turner street . . . . .       | 25 92    |            |
| Cheese Cake Brook, cleaning out and<br>repairs . . . . .               | 40 94    |            |
| Chestnut street, repairs on drinking<br>fountain at Newton Upper Falls | 8 90     |            |
| Cleaning catch basins . . . . .  | 1,071 67 |            |
| Eldridge street drain, cleaning out<br>and repairs . . . . .           | 124 26   |            |
| Melrose street . . . . .   | 15 75    |            |
| Murray street brook, cleaning out .                                    | 10 25    |            |
| Newtonville avenue, repairs on drain                                   | 21 15    |            |
| Newtonville avenue, repairs on bridge<br>over Laundry brook . . . . .  | 91 03    |            |
| Newtonville drain, repairs and clean-<br>ing out . . . . .             | 66 03    |            |
| Putnam street . . . . .  | 1 75     |            |
| Turner street, repairs on drain in Mrs.<br>Wiley's estate . . . . .    | 2 24     |            |
| Vernon street . . . . .  | 4 37     |            |
| Walnut street, repairs on drinking<br>fountain at Newton Highlands .   | 12 65    |            |
| Washington street, repairs on drain                                    | 6 90     |            |
| Stock on hand, paid for from appro-<br>propriation for 1884:—          |          |            |
| Bricks, 2050 . . . . .   | \$21 64  |            |
| Cement, 55 barrels . . . . .   | 68 85    |            |
| Cement pipe . . . . .  | 63 06    |            |
| Coal tubs . . . . .  | 150 00   |            |
| <i>Amounts carried forward</i> . . . . .                               | \$303 55 | \$1,522 84 |



|                                   |   |   |          |                   |
|-----------------------------------|---|---|----------|-------------------|
| <i>Amounts brought forward,</i>   | . | . | \$303 55 | \$1,522 84        |
| Covering-stone, 679 feet of 3 ft. | . | . | 117 40   |                   |
| Concord grates, 4 No.18           | . | . | 29 40    |                   |
| Derricks, guys, etc.              | . | . | 356 64   |                   |
| Drills                            | . | . | 25 00    |                   |
| Lumber                            | . | . | 5 61     |                   |
| Man-hole cover pattern            | . | . | 7 10     |                   |
| Pump, hose, etc.                  | . | . | 97 63    |                   |
| Rubber boots                      | . | . | 74 10    |                   |
|                                   |   |   | ———      | 1,016 43          |
| Sundries                          | . | . |          | 35 98             |
| Total                             | . | . |          | <u>\$2,575 25</u> |

#### SUMMARY OF EXPENSES.

|   |   |   |   |                 |
|---|---|---|---|-----------------|
| Drains constructed                        | . | . | . | \$8,999 85      |
| Culverts constructed or reconstructed     |   |   |   | 2,068 00        |
| Catch-basins constructed or reconstructed | . | . | . | 1,134 09        |
| Miscellaneous expenses                    | . | . | . | <u>2,575 25</u> |
| Total                                     | . | . | . | \$14,777 19     |

Of the above amount expended \$1.39 should have been charged to sidewalks and street crossings, \$3.90 to parks, \$10.12 to highway widenings and improvements, and \$5.24 to public property.

## ASHES.

The collection of ashes is made by the highway department, under the direction of the Highway Surveyors.

|  |            |
|--|------------|
| Amount appropriated by order of the<br>City Council for the removal of<br>ashes for the year ending Dec.<br>31, 1884 . . . . . | \$3,000 00 |
| Amount expended . . . . .  | 3,186 95   |
|  | <hr/>      |
| Amount overdrawn . . . . .   | \$186 95   |

The following table will show the cost of the collection of ashes for each ward, and the day of the week on which the collection is made :—

|   |            |
|---|------------|
| Wards 1 and 7, Thursday . . . . .                                       | \$962 02   |
| Ward 2, Friday . . . . .  | 520 01     |
| Ward 3, Saturday . . . . .  | 299 00     |
| Ward 4, Monday . . . . .  | 307 75     |
| Ward 5, Tuesday . . . . .   | 306 50     |
| Ward 6, Wednesday . . . . .   | 341 62     |
|   | <hr/>      |
| Cost of collection . . . . .  | 12,736 90  |
| Waverley avenue, labor, etc., at dump                                   | 119 10     |
|   | <hr/>      |
| Cost of labor, as per Superintendent's<br>record of work . . . . .      | \$2,856 00 |
| For miscellaneous expenses, as per<br>sundry bills in Auditor's records | 330 95     |
|   | <hr/>      |
| Total amount expended . . . . .   | \$3,186 95 |

### **WATER DEPARTMENT.**

In connection with the Water Department, lines and grades for the laying of water mains have been established on twenty-six streets, and all special castings have been located. There have been located one hundred and seventy-nine services and extensions laid during the year. The regular meetings of the Water Board have been attended.

For other work connected with this Department you are respectfully referred to the Report of the Water Board of this date.

### **SEWERAGE.**

In accordance with the recommendation of His Honor Mayor Kimball in his Inaugural Address, a Joint Special Committee on Sewerage was appointed consisting of Alderman John W. Carter, Chairman, Alderman Dwight Chester, Councilman Eben Thompson, Councilman Willard G. Brackett, and Councilman Albert F. Upton. Early in the year several meetings were held and in order to determine more intelligently the need of a system of sewers a sanitary inspection of the city was ordered by the Committee. Blanks similar to those used by Ernest W. Bowditch C.E. in making a similar inspection of Newport, R. I. and of Nahant, Mass. were prepared, with such changes as were necessary to adapt them to our conditions. Each estate was then inspected. The portion of the city inspected was that part lying north of Boylston, Winchester and Needham streets. The portion not included is but thinly populated, being mainly a farming district, the inspection of which could be of but little value in determining the necessity of a system of sewers for the city.

The accompanying tables will show the details of the inspection, given by subjects and divided into districts. Each village of the city composes a district, and the divisions are as nearly as possible the natural boundary lines as shown by the water shed. The inspection was made upon thirty-three hundred and twelve buildings containing a population of eighteen thousand four hundred and nineteen.

Tables 5 and 7 will show the number of cellars which are continually wet, occasionally wet, or damp; the cases of sickness and death from diphtheria, typhoid fever, scarlet fever and pneumonia, these diseases being generally considered to be largely caused by poor drainage, foul water or dampness from the soil. The table of sickness will show the special freedom of the city from typhoid fever, which is especially attributable to the drinking of foul water; and the prevalence of diphtheria, scarlet fever and pneumonia, supposed to be the result of poor drainage or dampness.

A casual examination of the tables will show that the greatest need for a system of sewerage or drainage exists in the "Newton" district where the population is the most dense, the estates smaller in area and the ground becoming so saturated with the house sewerage as to have greatly diminished its absorbing capacity, thus largely increasing the expense of the removal of the sewage or house filth and in many cases becoming a great burden upon the property owner. The present cost of removal in this district would, probably, pay a fair interest on the probable cost of construction of a system of sewerage designed to take the house sewage only, with the additional benefit of its constant removal from the premises, and greatly improve the sanitary condition of the district.

Next in the respective order of their needs are Newtonville, West Newton, Newton Centre, Auburndale, Newton



Highlands, Newton Upper Falls, Nonantum, Newton Lower Falls, Chestnut Hill, Cold Spring City and Thompsonville. The completion of the proposed Circuit Railroad will undoubtedly build up a district near the Almshouse and will more closely unite Newton Lower Falls, Auburndale and West Newton by another village near Washington street. It will also largely increase the population of Newton Highlands and extend the district westerly towards Newton Upper Falls and Chestnut street.

The cost of the present method of removing the house sewage during the past year was, according to the returns, \$11,153, although this must be considerably below the real cost, for there were many instances wherein the cost could not be ascertained either from forgetfulness on the part of the owner, or lack of inclination to look up the facts. From six hundred and eleven estates there was no removal of sewage during the year, which would be necessary in most cases the coming year and thus largely add to the cost. In many cases, estates were draining directly into the brooks or city drains, thus relieving the owners of any expense for removal but gradually making the brooks foul with the sewage.

A study of the location of the wet or damp cellars shows that in many instances there must have been great neglect in the design and construction of the foundations of many of the buildings, for there are numerous cases which could have been easily avoided by proper construction; although there are many places wherein a system of drainage is absolutely necessary for the healthy condition of the house.

During the inspection voluntary expressions were made favorable to a system of sewerage by the owners of eighty-seven estates, and against any system by the owners of five estates.

Incidentally, a large number of nuisances or cases of defective sanitary arrangements were discovered and those which were imperative were immediately reported to the Health Officer and measures were taken by him for their abatement.



TABLE NO. 1.—BUILDINGS, FAMILIES and POPULATION.

| DISTRICTS.         | No. of buildings. | No. occupied by families. | No. occupied by families & stores. | No. occupied by stores, shops, &c. | No. occupied by factories. | No. of public building. | No. vacant. | No. of families. | No. occupying their own houses. | No. of adults. | No. of children. | Total Population. | Ave. No. of adults per family. | Ave. No. of children per family. | Total average per family. |
|--------------------|-------------------|---------------------------|------------------------------------|------------------------------------|----------------------------|-------------------------|-------------|------------------|---------------------------------|----------------|------------------|-------------------|--------------------------------|----------------------------------|---------------------------|
| Newton             | 721               | 629                       | 10                                 | 22                                 |                            | 13                      | 47          | 785              | 381                             | 2792           | 1098             | 3890              | 3.56                           | 1.40                             | 4.96                      |
| Nonantum           | 230               | 207                       | 13                                 |                                    | 1                          | 6                       | 3           | 344              | 123                             | 1103           | 712              | 1815              | 3.21                           | 2.07                             | 5.28                      |
| Newtonville        | 450               | 410                       | 2                                  | 11                                 | 2                          | 10                      | 15          | 477              | 249                             | 1614           | 622              | 2236              | 3.38                           | 1.31                             | 4.69                      |
| West Newton        | 593               | 532                       | 13                                 | 20                                 | 2                          | 11                      | 15          | 666              | 352                             | 2090           | 1085             | 3175              | 3.14                           | 1.63                             | 4.77                      |
| Auburndale         | 350               | 298                       | 7                                  | 8                                  |                            | 14                      | 23          | 336              | 171                             | 1311           | 585              | 1896              | 3.90                           | 1.74                             | 5.64                      |
| Newton Lower Falls | 112               | 104                       |                                    | 2                                  | 2                          | 4                       |             | 138              | 49                              | 486            | 177              | 663               | 3.52                           | 1.28                             | 4.80                      |
| Newton Highlands   | 154               | 131                       | 3                                  | 8                                  |                            | 3                       | 9           | 159              | 80                              | 460            | 264              | 724               | 2.90                           | 1.65                             | 4.55                      |
| Newton Upper Falls | 207               | 182                       | 8                                  | 5                                  | 2                          | 8                       | 2           | 286              | 85                              | 846            | 416              | 1262              | 2.96                           | 1.45                             | 4.41                      |
| Newton Centre      | 325               | 294                       | 5                                  | 7                                  |                            | 9                       | 10          | 360              | 173                             | 1239           | 596              | 1835              | 3.44                           | 1.66                             | 5.10                      |
| Cold Spring City   | 63                | 61                        |                                    |                                    |                            |                         | 2           | 74               | 41                              | 192            | 118              | 310               | 2.60                           | 1.60                             | 4.20                      |
| Chestnut Hill      | 56                | 50                        |                                    |                                    |                            | 3                       | 3           | 52               | 31                              | 252            | 72               | 324               | 4.85                           | 1.38                             | 6.23                      |
| Thompsonville      | 51                | 49                        |                                    |                                    |                            | 1                       | 1           | 61               | 27                              | 112            | 127              | 289               | 2.66                           | 2.08                             | 4.74                      |
| Totals             | 3312              | 2947                      | 61                                 | 83                                 | 9                          | 82                      | 130         | 3738             | 1762                            | 12547          | 5872             | 18419             | 3.33                           | 1.57.                            | 4.90                      |

TABLE NO. 2.—NATIONALITY.

| DISTRICTS.                   | American. | Irish. | English. | Nova Scotia. | Canadian. | German. | Colored. | Scotch. | New Brunswick. | Russian. | French. | Italian. | Swedes. | Newfoundland. | Swiss. | Dane. | Chinese. | Prince Edward's Island. | Welsh. | Unknown. | Total No. of Families. |
|------------------------------|-----------|--------|----------|--------------|-----------|---------|----------|---------|----------------|----------|---------|----------|---------|---------------|--------|-------|----------|-------------------------|--------|----------|------------------------|
| Newton . . . . .             | 593       | 115    | 38       | 20           | 1         | 4       | 5        | 5       | 4              | 5        | 1       | 2        | 1       | 1             | 1      | 1     | 1        | 1                       |        | 2        | 783                    |
| Nonantum . . . . .           | 49        | 212    | 36       | 7            | 26        | 1       | 5        | 4       | 2              | 3        | 1       |          |         | 1             |        |       |          |                         |        |          | 344                    |
| Newtonville . . . . .        | 398       | 47     | 15       | 8            |           | 6       | 21       | 3       | 2              | 2        | 1       |          | 3       | 1             | 1      |       |          | 1                       |        |          | 477                    |
| West Newton . . . . .        | 371       | 223    | 19       | 12           | 4         | 3       | 2        | 1       | 2              | 2        | 1       | 2        |         |               |        |       |          | 1                       |        |          | 666                    |
| Auburndale. . . . .          | 254       | 52     | 11       | 7            |           | 9       | 2        | 1       | 1              | 1        |         |          |         |               |        | 1     |          |                         |        |          | 336                    |
| Newton Lower Falls . . . . . | 92        | 31     | 9        | 2            |           | 1       |          | 1       | 1              | 1        |         |          |         |               |        |       |          |                         |        |          | 138                    |
| Newton Highlands . . . . .   | 130       | 22     | 2        | 2            |           | 1       |          | 1       | 1              |          |         |          |         |               |        |       |          |                         |        |          | 159                    |
| Newton Upper Falls . . . . . | 141       | 118    | 19       | 4            | 1         | 1       |          | 1       | 1              | 1        | 1       |          |         | 1             | 1      | 1     |          |                         |        |          | 286                    |
| Newton Centre . . . . .      | 295       | 37     | 5        | 9            |           | 5       |          | 7       |                |          |         |          |         |               |        |       |          |                         |        |          | 360                    |
| Cold Spring City . . . . .   | 4         | 69     |          |              | 1         |         |          |         | 1              |          |         |          | 1       |               |        |       |          |                         |        |          | 74                     |
| Chestnut Hill . . . . .      | 45        | 3      | 4        | 2            |           |         |          |         |                |          |         |          |         |               |        |       |          |                         |        |          | 52                     |
| Thompsonville . . . . .      | 8         | 37     | 4        | 1            |           | 9       |          |         | 1              |          |         |          |         |               |        |       |          |                         |        | 2        | 61                     |
| Totals . . . . .             | 2380      | 966    | 158      | 74           | 33        | 30      | 28       | 22      | 13             | 6        | 5       | 4        | 4       | 3             | 3      | 2     | 1        | 1                       | 1      | 4        | 3738                   |

TABLE NO. 3.—PRIVIES, CESSPOOLS, Etc.

| DISTRICTS.                   | No. of buildings. | No. of buildings—no accommodations. | No. of privies with tight vaults. | No. of privies with leaching vaults. | No. of privies with no vaults. | No. of vaults with overflow cesspool. | No. of vaults with overflow drain. | No. of privies over river or brooks. | No. of water closets. | No. of earth closets. | No. of wash vaults. | No. of urinals. | No. of leaching cesspools for entire drainage. | No. of leaching cesspools for sinks only. | No. of tight cesspools. | No. of cesspools with overflow cesspools. | No. of cesspools with overflow drain. | No. of cesspools with overflow to brooks. | No. of old wells used as cesspools. | No. of stable cellars used as cesspools. |
|------------------------------|-------------------|-------------------------------------|-----------------------------------|--------------------------------------|--------------------------------|---------------------------------------|------------------------------------|--------------------------------------|-----------------------|-----------------------|---------------------|-----------------|--|---|-------------------------|---|---------------------------------------|---|-------------------------------------|--|
| Newton . . . . .             | 721               | 15                                  | 160                               | 149                                  | 13                             | 3                                     | 1                                  |                                      | 691                   | 3                     | 33                  | 2               | 400  | 186                                       | 49                      | 26  | 1                                     |   | 20                                  | 8  |
| Nonantum . . . . .           | 230               | 2                                   | 126                               | 85                                   | 24                             |                                       |                                    |                                      | 16                    |                       | 7                   | 16              | 7  | 149                                       | 19                      | 1   |                                       |   | 6                                   |  |
| Newtonville . . . . .        | 450               | 6                                   | 61                                | 44                                   | 34                             | 13                                    |                                    |                                      | 402                   | 9                     | 32                  | 27              | 214  | 131                                       | 20                      | 26  | 5                                     | 1   | 19                                  | 2  |
| West Newton . . . . .        | 593               | 17                                  | 159                               | 172                                  | 111                            | 2                                     |                                    |                                      | 316                   | 14                    | 12                  | 8               | 151  | 165                                       | 40                      | 41  |                                       |   | 15                                  | 13                                       |
| Auburndale . . . . .         | 350               | 10                                  | 115                               | 45                                   | 36                             | 1                                     |                                    |                                      | 271                   | 2                     | 24                  | 9               | 166  | 117                                       | 18                      | 8   |                                       |   | 9                                   | 4  |
| Newton Lower Falls . . . . . | 112               | 1                                   | 54                                | 34                                   | 18                             |                                       | 3                                  | 1                                    | 12                    |                       | 1                   |                 | 5  | 49  | 6                       | 1   |                                       |   | 5                                   | 2  |
| Newton Highlands . . . . .   | 154               | 4                                   | 44                                | 31                                   | 7                              |                                       |                                    |                                      | 80                    | 4                     | 20                  | 8               | 69   | 40  | 3                       |   |                                       |   | 4                                   | 1  |
| Newton Upper Falls . . . . . | 207               | 9                                   | 80                                | 94                                   | 24                             |                                       | 1                                  | 4                                    | 27                    | 2                     | 11                  | 13              | 19   | 97  | 4                       |   | 1                                     |   | 1                                   | 2  |
| Newton Centre . . . . .      | 325               | 4                                   | 57                                | 65                                   | 6                              | 1                                     |                                    |                                      | 374                   | 3                     | 31                  | 10              | 225  | 57  | 17                      | 11  |                                       |   | 6                                   | 7  |
| Cold Spring City . . . . .   | 63                |                                     | 5                                 | 32                                   | 24                             | 1                                     |                                    |                                      | 2                     |                       |                     |                 | 2  | 11  | 3                       |   | 3                                     |   |                                     |  |
| Chestnut Hill . . . . .      | 56                | 1                                   | 15                                | 16                                   | 2                              |                                       | 1                                  |                                      | 59                    | 2                     | 1                   |                 | 19   | 14  | 1                       |   |                                       |   | 1                                   |  |
| Thompsonville . . . . .      | 51                |                                     | 6                                 | 14                                   | 27                             |                                       |                                    |                                      | 4                     |                       | 1                   |                 | 2  | 14  |                         |   |                                       |   |                                     |  |
| Totals . . . . .             | 3312              | 69                                  | 882                               | 781                                  | 326                            | 21                                    | 6                                  | 5                                    | 2254                  | 39                    | 176                 | 93              | 1279   | 1030                                      | 180                     | 117                                       | 10                                    | 3   | 86                                  | 41                                       |

TABLE 4—SINKS AND GARBAGE. For further disposition of Sinks see items under cesspools on Table 3.

| DISTRICTS.         | No. of families. | No. of BUILDINGS:—  |                  |                  |                 |                        |                         |                |                     | GARBAGE:—              |                           |                         |         |         |                 |                             |                    |                   |                    |                      |
|--------------------|------------------|---------------------|------------------|------------------|-----------------|------------------------|-------------------------|----------------|---------------------|------------------------|---------------------------|-------------------------|---------|---------|-----------------|-----------------------------|--------------------|-------------------|--------------------|----------------------|
|                    |                  | Sinks on to ground. | Sinks to vaults. | Sinks to brooks. | Sinks to river. | Sinks to house cellar. | Sinks to stable cellar. | Sinks to pond. | Sinks to old drain. | Sinks unaccounted for. | Removed by city entirely. | Removed by city partly. | Burned. | Buried. | Fed to animals. | Removed by private parties. | Thrown into vault. | Thrown on ground. | Thrown into river. | Unknown disposition. |
| Newton             | 785              | 29                  | 8                | 1                | 5               |                        | 2                       |                |                     |                        | 416                       | 27                      | 68      | 32      | 186             | 50                          | 1                  | 3                 |                    | 2                    |
| Nonantum           | 344              | 25                  | 8                | 1                |                 |                        | 3                       |                |                     |                        | 184                       | 13                      | 7       | 8       | 216             | 105                         | 7                  | 7                 | 1                  |                      |
| Newtonville        | 477              | 43                  | 7                | 4                |                 |                        | 3                       |                |                     |                        | 164                       | 6                       | 35      | 26      | 178             | 31                          | 3                  |                   |                    |                      |
| West Newton        | 666              | 157                 | 8                | 19               |                 | 1                      | 17                      |                | 1                   |                        | 114                       | 3                       | 72      | 54      | 350             | 20                          |                    | 19                |                    | 1                    |
| Auburndale         | 336              | 45                  | 1                |                  | 1               |                        | 2                       |                |                     |                        | 3                         | 44                      | 10      | 18      | 167             |                             |                    | 2                 |                    |                      |
| Newton Lower Falls | 138              | 31                  | 3                |                  | 6               |                        | 1                       |                |                     |                        | 54                        | 5                       | 18      | 4       | 68              |                             |                    | 7                 | 1                  |                      |
| Newton Highlands   | 159              | 13                  | 2                |                  |                 |                        | 1                       |                |                     |                        | 15                        | 2                       | 30      | 19      | 61              |                             |                    | 2                 |                    |                      |
| Newton Upper Falls | 286              | 53                  | 6                | 1                | 2               |                        | 5                       | 9              |                     | 7                      | 168                       | 15                      | 30      | 46      | 177             | 6                           |                    | 10                |                    |                      |
| Newton Centre      | 360              | 5                   | 2                | 2                |                 |                        |                         |                |                     | 8                      |                           |                         | 3       | 27      | 117             |                             |                    | 2                 |                    | 1                    |
| Cold Spring City   | 74               | 40                  |                  |                  |                 |                        |                         |                |                     |                        |                           |                         |         | 2       | 69              |                             |                    |                   |                    |                      |
| Chestnut Hill      | 52               | 9                   | 3                |                  |                 | 1                      |                         |                |                     |                        | 1                         |                         | 3       | 9       | 37              |                             |                    |                   |                    |                      |
| Thompsonville      | 61               | 28                  | 3                |                  |                 | 1                      | 1                       |                |                     |                        |                           |                         | 1       | 2       | 51              | 4                           |                    | 3                 |                    |                      |
| Totals             | 3738             | 478                 | 61               | 28               | 14              | 2                      | 36                      | 9              | 1                   | 15                     | 1119                      | 115                     | 289     | 247     | 1677            | 216                         | 11                 | 57                | 2                  | 5                    |



TABLE NO. 5.—WATER SUPPLY AND CELLARS.

| DISTRICTS.                   | No. of families. | City water supply. | Well. | Driven well. | Cistern. | Spring. | Pond. | Brook. | No. of Buildings. | Damp cellars. | Wet occasionally. | Wet all the time. |
|------------------------------|------------------|--------------------|-------|--------------|----------|---------|-------|--------|-------------------|---------------|-------------------|-------------------|
| Newton . . . . .             | 785              | 634                | 78    |              | 40       | 7       |       |        | 721               | 94            | 22                | 22                |
| Nonantum . . . . .           | 344              | 215                | 97    | 28           |          | 5       |       |        | 230               | 11            | 1                 | 3                 |
| Newtonville . . . . .        | 477              | 427                | 80    | 19           | 4        | 31      |       | 1      | 450               | 50            | 14                | 7                 |
| West Newton . . . . .        | 666              | 424                | 291   | 7            | 15       | 9       |       | 3      | 593               | 102           | 11                | 33                |
| Auburndale . . . . .         | 336              | 295                | 72    | 1            | 24       | 3       |       |        | 350               | 11            | 13                | 12                |
| Newton Lower Falls . . . . . | 138              | 126                | 16    |              | 4        |         |       |        | 112               | 5             | 1                 | 3                 |
| Newton Highlands . . . . .   | 159              | 123                | 23    | 8            | 14       | 2       |       |        | 154               | 11            |                   | 1                 |
| Newton Upper Falls . . . . . | 286              | 229                | 70    |              | 10       | 1       |       |        | 207               | 30            | 4                 | 8                 |
| Newton Centre . . . . .      | 360              | 308                | 45    | 1            | 38       | 1       | 1     |        | 325               | 17            | 2                 | 6                 |
| Cold Spring City . . . . .   | 74               | 4                  | 57    |              | 5        | 9       | 2     | 2      | 63                | 3             | 1                 | 3                 |
| Chestnut Hill . . . . .      | 52               | 38                 | 13    |              | 6        | 1       |       |        | 56                | 5             |                   |                   |
| Thompsonville . . . . .      | 61               | 3                  | 48    |              | 7        |         |       |        | 51                | 2             | 2                 | 6                 |
| Totals . . . . .             | 3738             | 2826               | 890   | 64           | 167      | 69      | 3     | 6      | 3312              | 341           | 71                | 104               |

TABLE NO. 6.—SEWERAGE — DISPOSITION, COST OF REMOVAL AND COMMENTS.

| DISTRICTS.         | No. of buildings with accommodations. | Disposition.      |                                  |                      |                     |                    |                           |                             | Cost of removal during year. | Comments in favor of sewerage. | Comments against sewerage. |
|--------------------|---------------------------------------|-------------------|----------------------------------|----------------------|---------------------|--------------------|---------------------------|-----------------------------|------------------------------|--------------------------------|----------------------------|
|                    |                                       | Sewerage removed. | Sewerage buried or used on land. | Sewerage irrigation. | Sewerage to brooks. | Sewerage to river. | Sewerage to street drain. | No removal during the year. |                              |                                |                            |
| Newton             | 706                                   | 333               | 168                              | 12                   | 1                   |                    |                           | 187                         | \$3,527 00                   | 23                             |                            |
| Nonantum           | 228                                   | 51                | 151                              |                      |                     | 1                  |                           | 24                          | 580 00                       |                                |                            |
| Newtonville        | 444                                   | 166               | 181                              | 2                    |                     |                    |                           | 91                          | 1,378 50                     | 53                             | 4                          |
| West Newton        | 576                                   | 135               | 326                              | 3                    | 1                   |                    |                           | 87                          | 1,887 75                     | 7                              |                            |
| Auburndale         | 340                                   | 68                | 165                              |                      |                     |                    | 2                         | 99                          | 968 00                       | 1                              |                            |
| Newton Lower Falls | 111                                   | 43                | 60                               |                      |                     | 1                  |                           | 5                           | 323 00                       |                                |                            |
| Newton Highlands   | 150                                   | 30                | 66                               |                      |                     | 3                  |                           | 51                          | 430 00                       |                                |                            |
| Newton Upper Falls | 198                                   | 73                | 106                              | 2                    |                     |                    |                           | 16                          | 715 50                       |                                | 1                          |
| Newton Centre      | 321                                   | 91                | 134                              | 3                    | 2                   | 1                  |                           | 89                          | 967 25                       | 2                              |                            |
| Cold Spring City   | 63                                    | 1                 | 54                               |                      |                     |                    |                           | 6                           | 149 00                       |                                |                            |
| Chestnut Hill      | 55                                    | 5                 | 35                               | 2                    |                     |                    |                           | 14                          | 139 00                       | 1                              | 1                          |
| Thompsonville      | 51                                    | 2                 | 38                               |                      |                     |                    |                           | 11                          | 88 00                        |                                |                            |
| Totals             | 3243                                  | 998               | 1484                             | 24                   | 4                   | 6                  | 2                         | 680                         | \$11,153 00                  | 87                             | 5                          |



TABLE NO. 7.—SICKNESS DURING LAST YEAR.

| DISTRICTS.                   | Population. | Typhoid Fever—light. |   |   | Typhoid Fever—severe. |    |    | Typhoid Fever—fatal. |    |    | Diphtheria—light. |    |   | Diphtheria—severe. |   |   | Diphtheria—fatal. |   |   | Scarlet Fever—light. |   |   | Scarlet Fever—severe. |   |   | Scarlet Fever—fatal. |   |   | Pneumonia—light. |   |   | Pneumonia—severe. |   |   | Pneumonia—fatal. |  |  |
|------------------------------|-------------|----------------------|---|---|-----------------------|----|----|----------------------|----|----|-------------------|----|---|--------------------|---|---|-------------------|---|---|----------------------|---|---|-----------------------|---|---|----------------------|---|---|------------------|---|---|-------------------|---|---|------------------|--|--|
|                              |             | 5                    | 3 | 2 | 2                     | 1  | 1  | 1                    | 20 | 3  | 18                | 19 | 6 | 3                  | 1 | 4 | 1                 | 2 | 6 | 11                   | 3 | 1 | 1                     | 1 | 1 | 6                    | 8 | 4 | 6                | 3 | 3 | 2                 | 3 | 2 |                  |  |  |
| Newton . . . . .             | 3890        |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Nonantum . . . . .           | 1815        |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Newtonville . . . . .        | 2236        |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| West Newton . . . . .        | 3175        |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Auburndale . . . . .         | 1896        |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Newton Lower Falls . . . . . | 663         |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Newton Highlands . . . . .   | 724         |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Newton Upper Falls . . . . . | 1262        |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Newton Centre . . . . .      | 1835        |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Cold Spring City . . . . .   | 310         |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Chestnut Hill . . . . .      | 324         |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Thompsonville . . . . .      | 289         |                      |   |   |                       |    |    |                      |    |    |                   |    |   |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |
| Totals . . . . .             | 18,419      | 19                   | 4 | 5 | 84                    | 19 | 15 | 57                   | 16 | 10 | 26                | 3  | 2 |                    |   |   |                   |   |   |                      |   |   |                       |   |   |                      |   |   |                  |   |   |                   |   |   |                  |  |  |

While making an extended tour in Europe during the past summer, the chairman of the Committee, Alderman John W. Carter, made a personal inspection of the various methods of treating, disposing and purifying sewerage as practiced in many places in Great Britain and in Europe. Upon his return an elaborate report on the subject was made by him, which is now on file in the office of the City Clerk.

The importance of adopting some system of sewage disposal for the city is daily becoming more apparent. As at present situated, the design and construction of the drainage of small districts, as is demanded each year, can be but temporary, and is at best unsatisfactory.

#### **PARKS.**

Under the direction of and in consultation with Mr. Henry Ross, Superintendent of the Newton Cemetery, plans for laying out and estimates for grading and completing the proposed improvement of Farlow Park were made. Water, gas and drain pipes were laid and the grading extended under the direction of this department. A plan was made of the area assessed for betterment on account of the improvement of the Park. This plan showed each estate, the area, assessors' valuation and the committee's estimate of betterment. This was accompanied by a statement in tabular form of the above information, together with a description of each lot

Surveys and plans of several small parks or greens about the city have been made.

In conjunction with the Newton Centre Improvement Society and the Highway Department a heavy retaining wall was built along the northerly shore of Crystal Lake, by that portion bordering upon Lake Avenue, Ward Six. A strip of grass was laid and a broad gravel walk was constructed,

between the avenue and the lake. This improvement has not only greatly improved the appearance of the district but has insured the public access to the shores of the lake which have been practically cut off heretofore.

### **PUBLIC PROPERTY.**

In accordance with the recommendation of His Honor, Mayor Kimball, in his Inaugural Address, this department has been largely relieved from the extra duty of designing and superintending the construction of new buildings and the alterations or repairs of old buildings.

Under the direction of the Joint Standing Committee on Public Property designs were made for the putting in of a new system of ventilation, the alteration of the plumbing and a general improvement of the sanitary condition of the Police Station in Ward Six and the work was superintended. The work on the plumbing was performed by Wm. H. French & Co., and on the ventilation by F. H. Humphrey. The results have proved very satisfactory.

Plans and specifications were made for alterations in the stables at Newton Upper Falls, and for a new building for the steam road roller and portable engine with room for the storage of various apparatus belonging to the highway department. The work has not as yet been executed.

The work of grading about the Williams and Elliot Schoolhouses was continued. Numerous other designs, estimates, etc., have been made and the various meetings of the committee attended.

### **BOARD OF HEALTH.**

The various meetings of the Board of Health have been attended and sundry designs and estimates for the abatement of nuisances made.

As agent of the Board of Health for the inspection of plumbing, the inspection was made of all plumbing work performed so far as it came to my notice. There is still a great reluctance on the part of the plumbers to comply with the conditions of Rule 17 in regard to filing notices and plans of the proposed work and I would renew my recommendations to the City Council as contained in my report for 1883.

#### STREET LIGHTS.

Under the direction of the Joint Standing Committee on Fuel and Street Lights, a survey was made of all the street lights in the city, together with a large plan showing their location, kind, etc. Small pocket maps showing the location of the street lights were made for each member of the committee.

#### ACKNOWLEDGEMENTS.

I would respectfully tender my acknowledgements to His Honor, Mayor Kimball, the Water Board, and the various committees of the City Council under and for whom the services of this department have been rendered; to the various heads of departments for courtesies shown, and to the assistants in this department for their hearty co-operation in every undertaking.

Respectfully submitted,

ALBERT F. NOYES, *City Engineer.*

8353



















